OVATION

R Ê V E H2

PHOTOMETRICS REPORT



CHAUVET PROFESSIONAL

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Testing Process

Total Illuminance Measurements

Illuminance is measured using the Viso Systems LabSpion®, which takes multiple measurements across a light beam to calculate the total delivered lumens, beam, and field of a product. These values can be described as the empirical output of the product as it projects from the lens or lenses. All photometric data contained in this report are obtained from the actual illuminance of the tested Chauvet light source and are never theoretical values derived from calculations.

Testing Lab Equipment and Process

The Chauvet headquarters in Davie, Florida has a climate- and light-controlled photometric testing laboratory where Chauvet products are analyzed and photometric data are measured using the Viso Systems LabSpion® light measurement solution.

This system includes a spectrometer sensor, which measures the precise light and color output of the fixture, and a two-axis goniometer, which rotates the product to allow for multi-angle and multi-directional measurement. The Viso Light Inspector software then collects and summarizes the data. From the data gathered, the software can also measure the beam and field angles, accurate color temperature, color quality, and illuminance at multiple distances. The custom-built, Chauvet-specific template presents this information in the photometric and chromaticity reports that follow.

IES (Illuminating Engineering Society) files, an industry-standard file format, are also generated from each test for easy distribution of photometric data.

Several light meters are also used for specific products or to recheck for precision. Accuracy is verified using one or more of the devices listed below:

- Sekonic SpectroMaster C-700-U
- EXTECH HD450 Datalogging Heavy Duty Light Meter
- Asensetek Essence Lighting Passport

To ensure accurate measurements in every photometric or chromaticity test, Chauvet routinely calibrates the LabSpion® system every six months as recommended by Viso Systems.

OVATION

RÊVE H2

Photometrics & Chromaticity Reports

CHAUVET PROFESSIONAL

Photometric & Chromaticity Report

Ovation Rêve H2: 25deg Lens - Full Power - Cali Off

Report Summary

Measurements

Fixture Output: 13930 lm
Fixture Peak: 36215 cd
Fixture Efficacy: 69 lm/W
Intensity @ 5m: 1447 lux
Color Temperature: 6090 K
CRI: 87.4 CRI R9 Value: 43.2
CQS: 93.2
TLCI: 92
TM-30 Rf: 90.2
TM-30 Rg: 104.8
Beam Angle (50%): 28°
Field Angle (10%): 62.7°
Cutoff Angle (3%): 97.5°

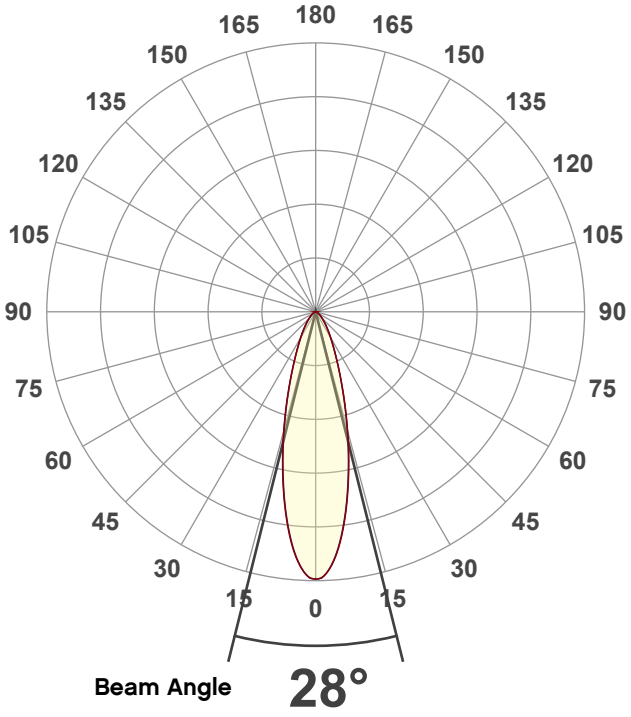
Conditions

AC Supply: 118 V, 60 Hz
Power: 201.19 W
Current: 1.70 A
Power Factor: 1.0

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 7/27/2026 to LM-63-2002 Standards.

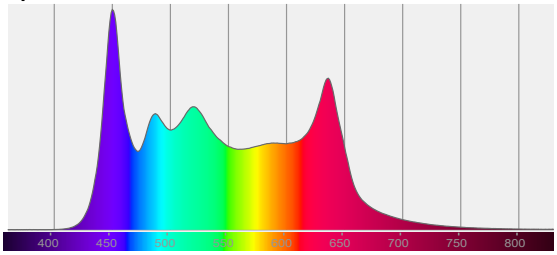
Overall Measurement

Angular Beam Distribution



Beam Angle 28°

Spectral Distribution



Tested Color (CIE 1931):
X: 0.321
Y: 0.326

Light Quality

CRI: 87.4

Color Temperature

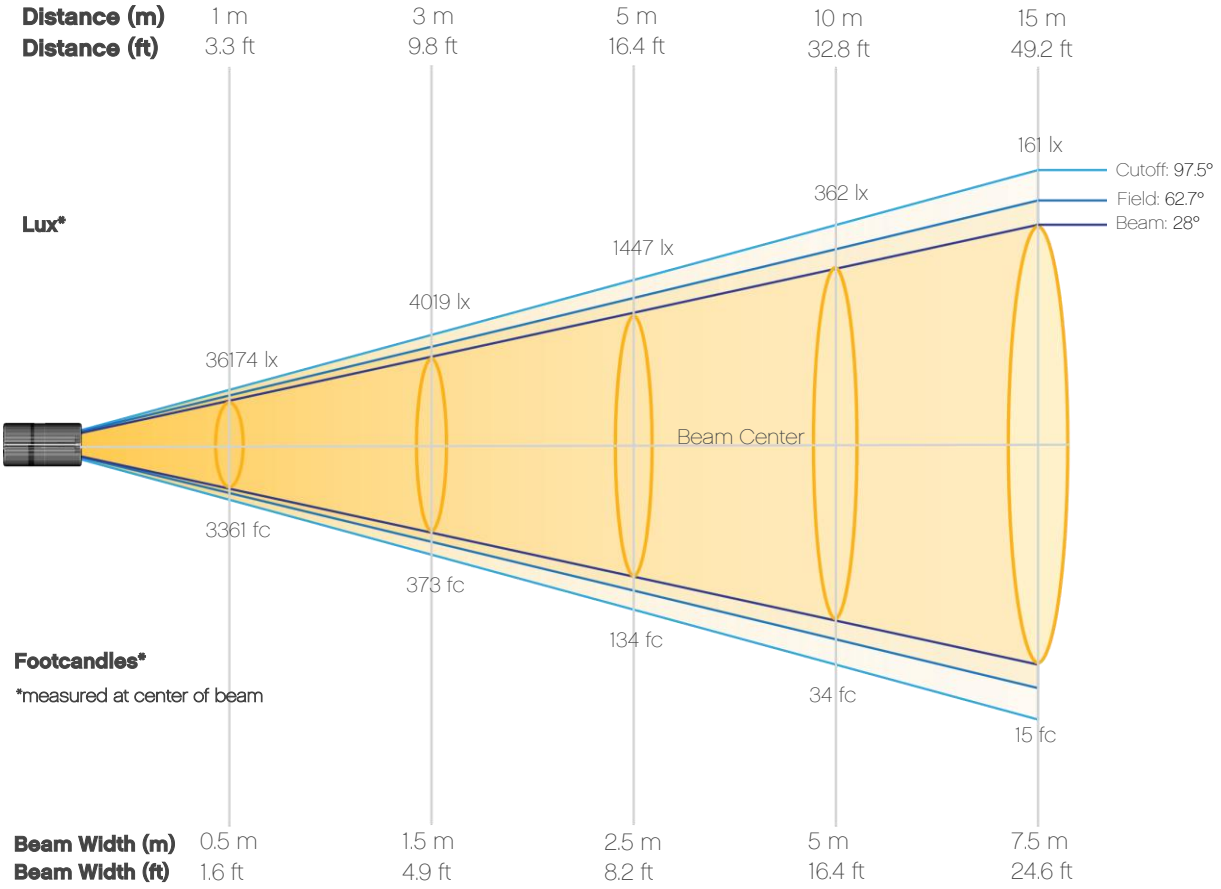
6090 K

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Photometric & Chromaticity Report

Ovation Rêve H2: 25deg Lens - Full Power - Cali Off

Beam Details



Beam Intensities from 1-20m (3.3-65.6ft)

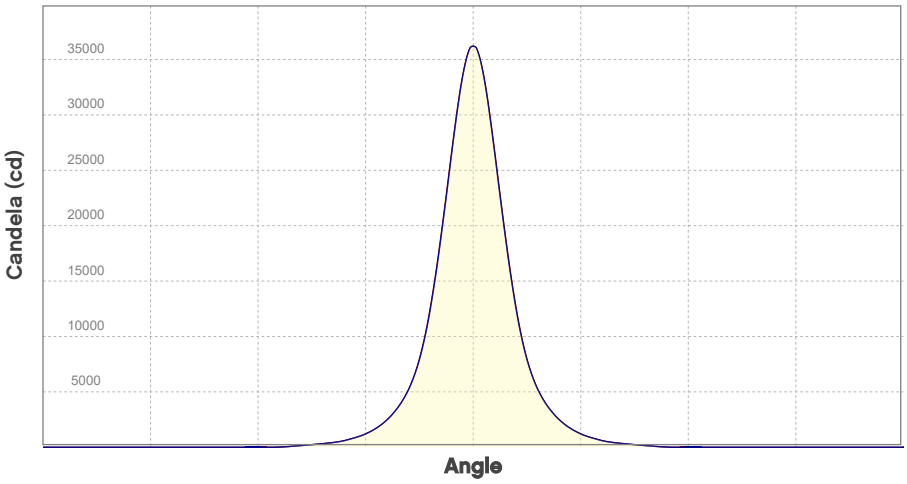
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	36174	9043	4019	2261	1447	1005	738	565	447	362
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	299	251	214	185	161	141	125	112	100	90
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	3361	840	373	210	134	93	69	53	41	34
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	28	23	20	17	15	13	12	10	9	8

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Photometric & Chromaticity Report

Ovation Rêve H2: 25deg Lens - Full Power - Cali Off

Candela Plot

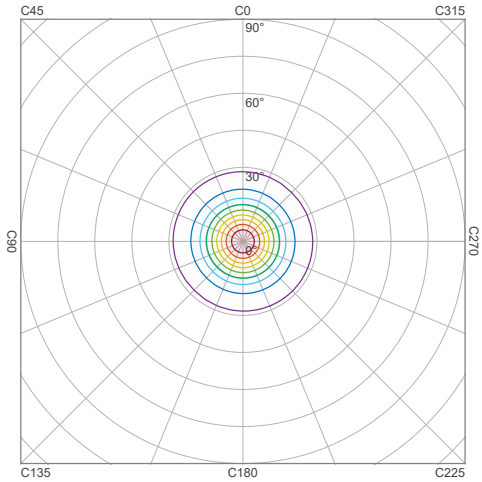


Beam Angle (50%): 28°
Field Angle (10%): 62.7°
Cutoff Angle (3%): 97.5°

Vertical Distribution
Horizontal Distribution

ISO Diagrams

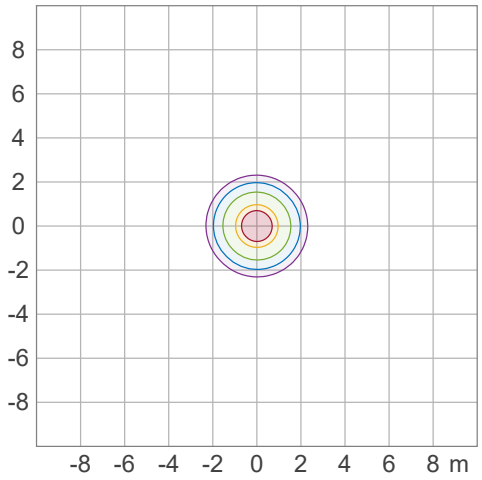
ISO Candela Diagram



90 %	32556.3 cd
80 %	28939.0 cd
70 %	25321.6 cd
60 %	21704.2 cd
50 %	18086.9 cd
40 %	14469.5 cd
30 %	10852.1 cd
20 %	7234.7 cd
10 %	3617.4 cd

Peak intensity: 36173.7 cd
Number of c-planes: 8

ISO Lux Diagram



50.0 %	2010 lx
30.0 %	1206 lx
10.0 %	402 lx
5.0 %	201 lx
3.0 %	121 lx

Peak illuminance: 4019 lx
Mounting height: 3 m
Number of c-planes: 8

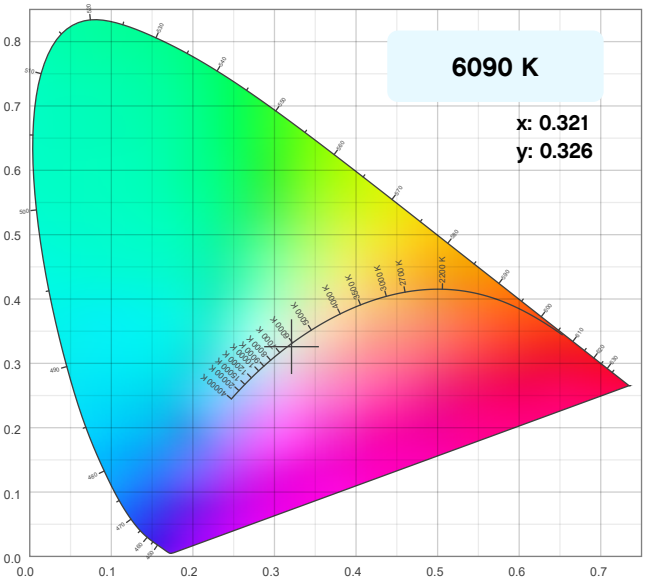
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Photometric & Chromaticity Report

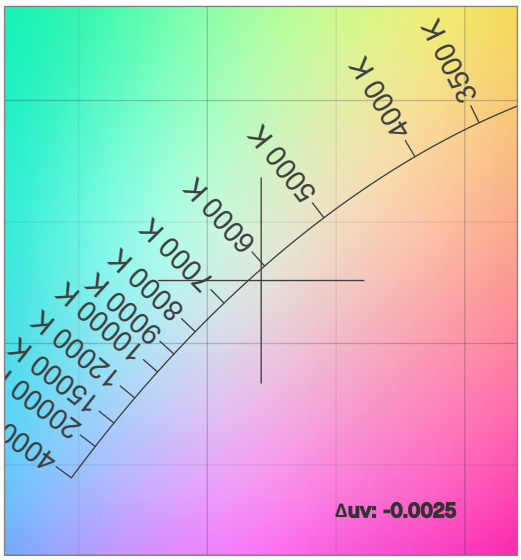
Ovation Rêve H2: 25deg Lens - Full Power - Cali Off

Chromaticity

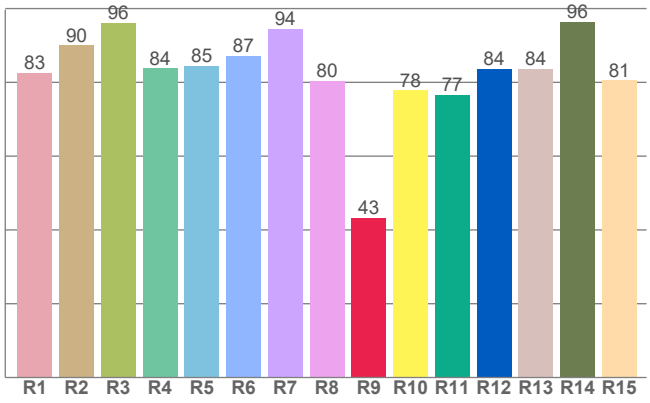
CIE 1931



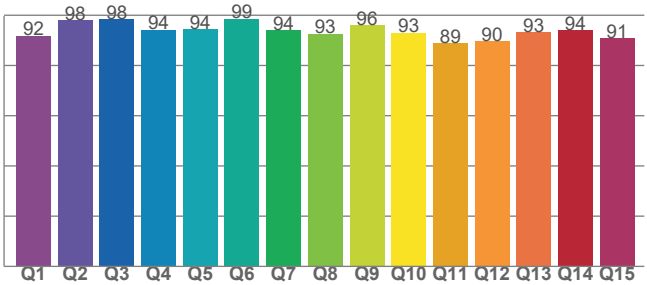
CIE 1931 - Zoom



CRI: 87.4 (R1-R8)



CQS: 93.2



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6090 K	0.321	0.326

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0025	0.326	0.205

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
87.4	43.2	93.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
92	90.2	104.8

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Photometric & Chromaticity Report

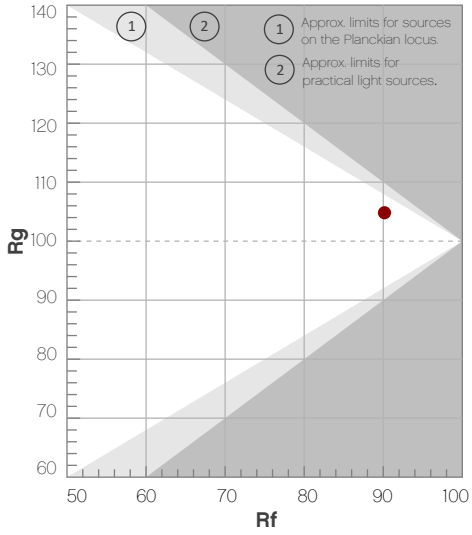
Ovation Rêve H2: 25deg Lens - Full Power - Cali Off

TM-30 Details

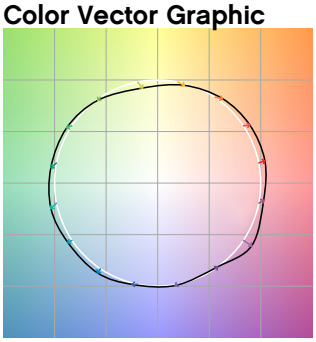
Rf 90.2
Fidelity Index (Rg)

Rg 104.8
Gammut Index (Rg)

		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	87	6%	1%
2	90	6%	-3%
3	87	3%	-7%
4	88	-2%	-7%
5	88	-7%	-4%
6	94	-1%	4%
7	92	3%	4%
8	88	5%	5%
9	91	6%	4%
10	92	4%	0%
11	92	5%	0%
12	92	1%	-5%
13	93	1%	-3%
14	93	0%	3%
15	86	10%	0%
16	90	4%	4%



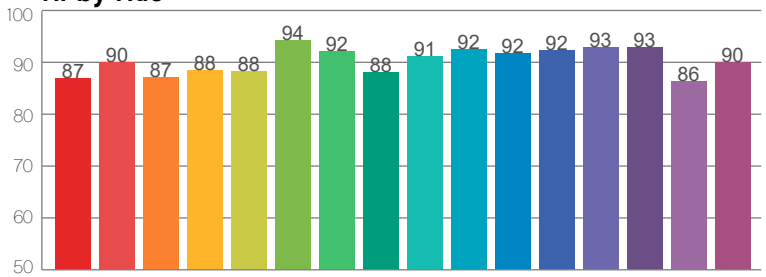
Color Vector Graphic



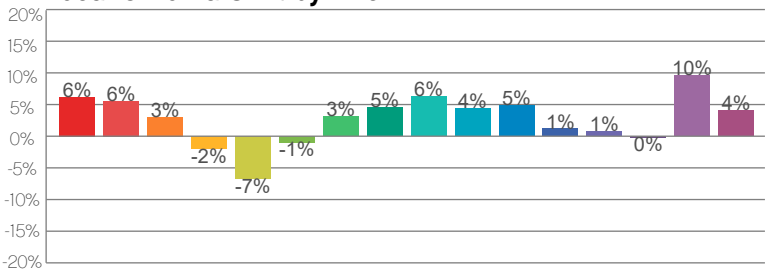
Color Distortion Graphic



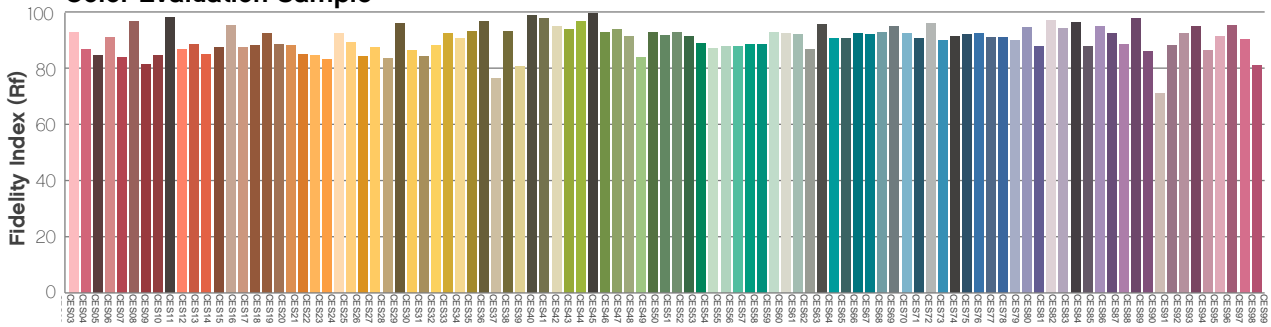
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



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Photometric & Chromaticity Report

Ovation Rêve H2: 35deg Lens - Full Power - Cali Off

Report Summary

Measurements

Fixture Output: 13850 lm
Fixture Peak: 30058 cd
Fixture Efficacy: 69 lm/W
Intensity @ 5m: 1201 lux
Color Temperature: 6162 K
CRI: 88.1 CRI R9 Value: 45.8
CQS: 93.4
TLCI: 93
TM-30 Rf: 90.3
TM-30 Rg: 104.4
Beam Angle (50%): 34.3°
Field Angle (10%): 66.2°
Cutoff Angle (3%): 96.4°

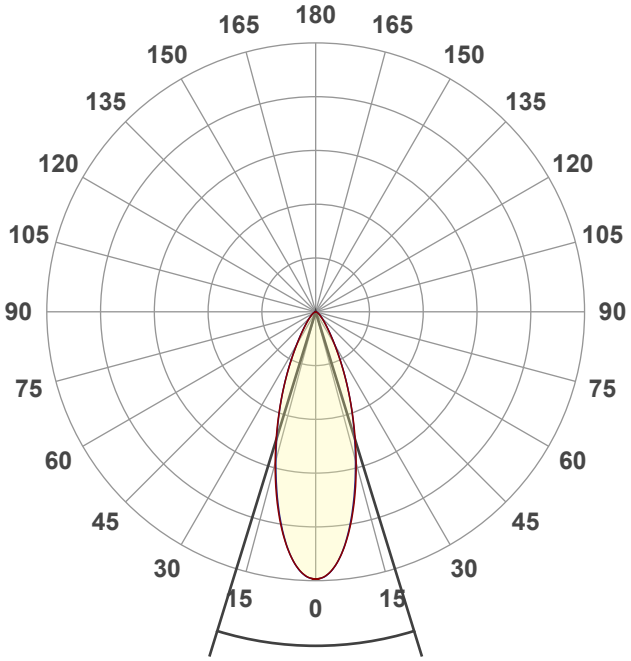
Conditions

AC Supply: 116 V, 60 Hz
Power: 199.86 W
Current: 1.72 A
Power Factor: 1.0

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 7/27/2026 to LM-63-2002 Standards.

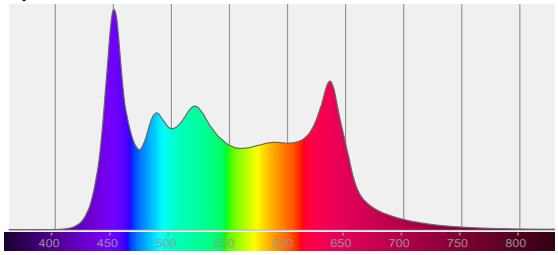
Overall Measurement

Angular Beam Distribution



Beam Angle 34.3°

Spectral Distribution



Tested Color (CIE 1931):
X: 0.320
Y: 0.326

Light Quality

CRI: 88.1

Color Temperature

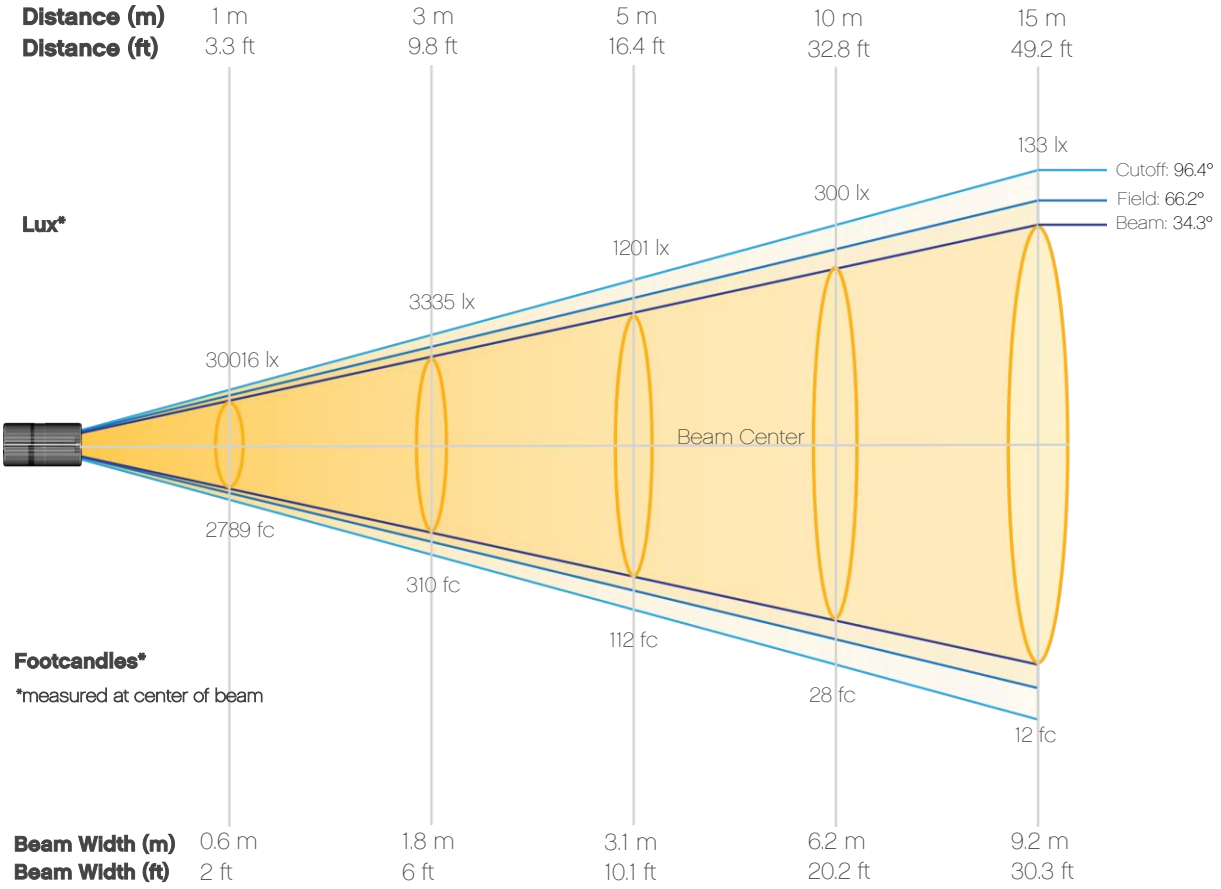
6162 K

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Photometric & Chromaticity Report

Ovation Rêve H2: 35deg Lens - Full Power - Cali Off

Beam Details



Beam Intensities from 1-20m (3.3-65.6ft)

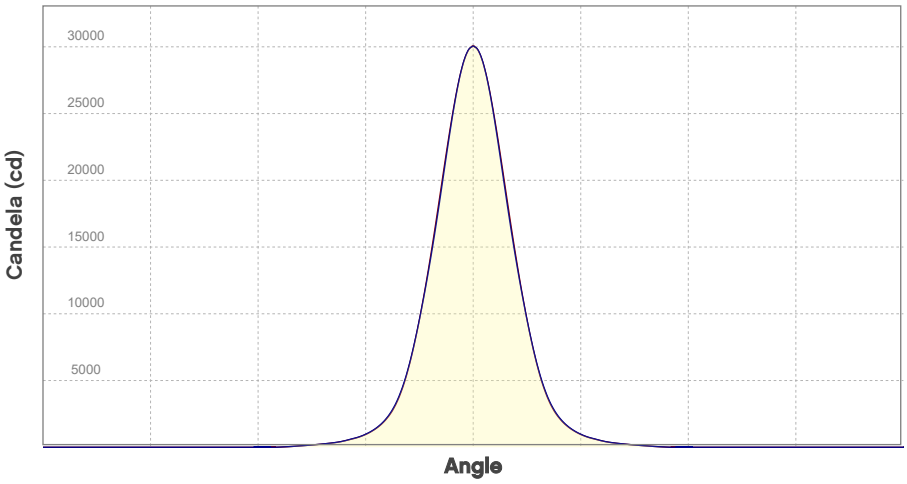
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	30016	7504	3335	1876	1201	834	613	469	371	300
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	248	208	178	153	133	117	104	93	83	75
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	2789	697	310	174	112	77	57	44	34	28
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	23	19	17	14	12	11	10	9	8	7

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Photometric & Chromaticity Report

Ovation Rêve H2: 35deg Lens - Full Power - Cali Off

Candela Plot

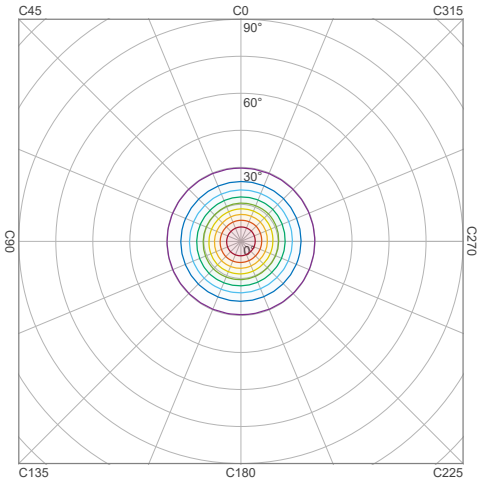


Beam Angle (50%): 34.3°
Field Angle (10%): 66.2°
Cutoff Angle (3%): 96.4°

Vertical Distribution
Horizontal Distribution

ISO Diagrams

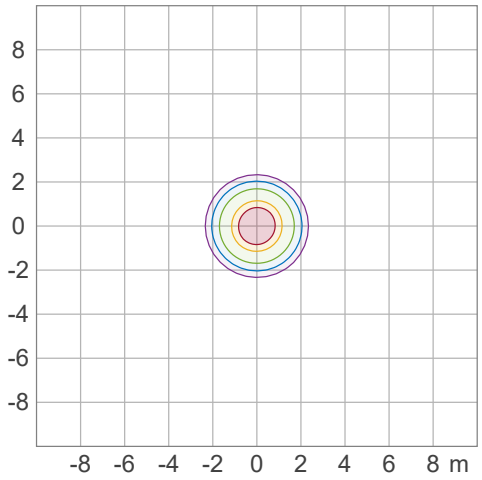
ISO Candela Diagram



90 %	27014.2 cd
80 %	24012.6 cd
70 %	21011.0 cd
60 %	18009.5 cd
50 %	15007.9 cd
40 %	12006.3 cd
30 %	9004.7 cd
20 %	6003.2 cd
10 %	3001.6 cd

Peak intensity: 30015.8 cd
Number of c-planes: 8

ISO Lux Diagram



50.0 %	1668 lx
30.0 %	1001 lx
10.0 %	334 lx
5.0 %	167 lx
3.0 %	100 lx

Peak illuminance: 3335 lx
Mounting height: 3 m
Number of c-planes: 8

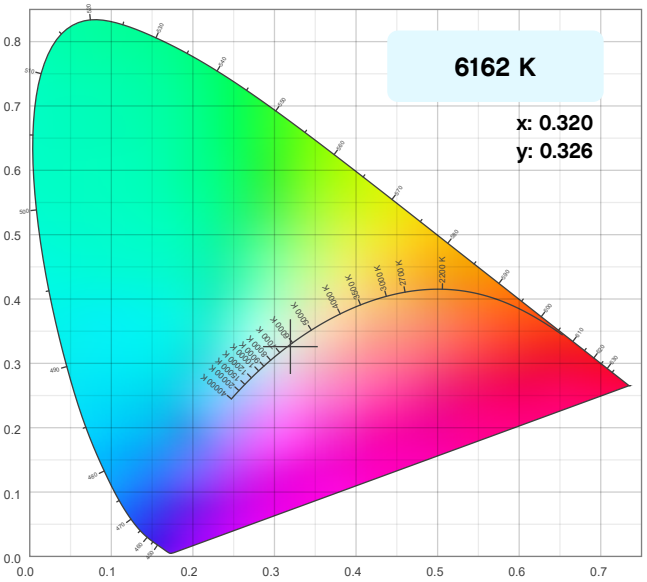
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Photometric & Chromaticity Report

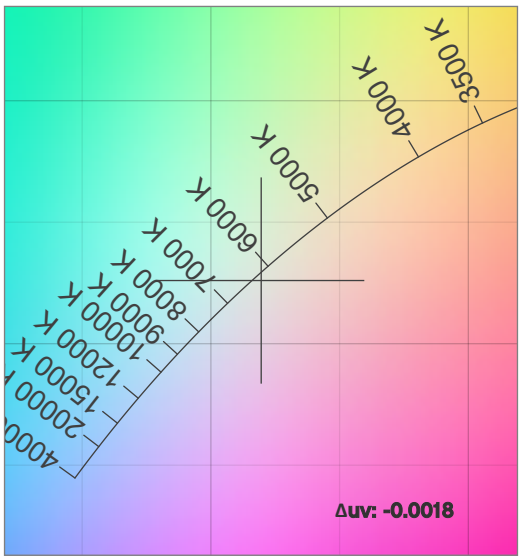
Ovation Rêve H2: 35deg Lens - Full Power - Cali Off

Chromaticity

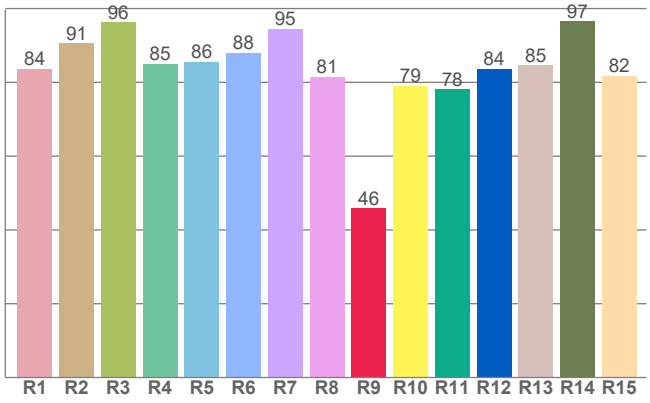
CIE 1931



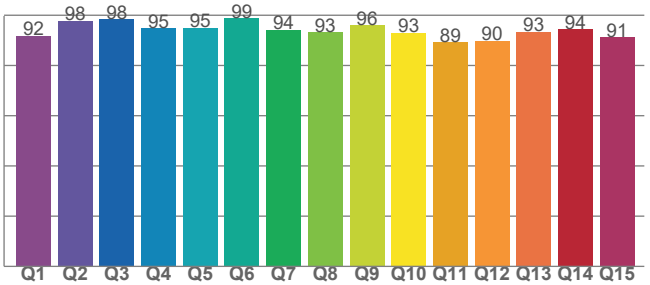
CIE 1931 - Zoom



CRI: 88.1 (R1-R8)



CQS: 93.4



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6162 K	0.320	0.326

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0018	0.326	0.204

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
88.1	45.8	93.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
93	90.3	104.4

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Photometric & Chromaticity Report

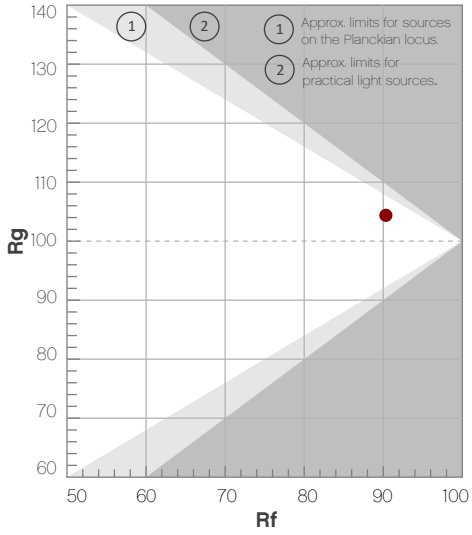
Ovation Rêve H2: 35deg Lens - Full Power - Cali Off

TM-30 Details

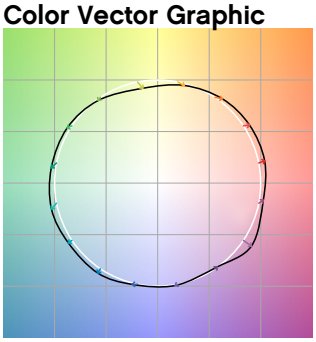
Rf 90.3
Fidelity Index (Rg)

Rg 104.4
Gammut Index (Rg)

		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	87	6%	1%
2	90	5%	-3%
3	87	3%	-7%
4	88	-2%	-7%
5	88	-7%	-4%
6	94	-1%	3%
7	93	3%	4%
8	88	4%	6%
9	91	6%	4%
10	93	4%	0%
11	92	5%	0%
12	92	1%	-5%
13	93	1%	-3%
14	93	0%	3%
15	86	10%	0%
16	91	4%	4%



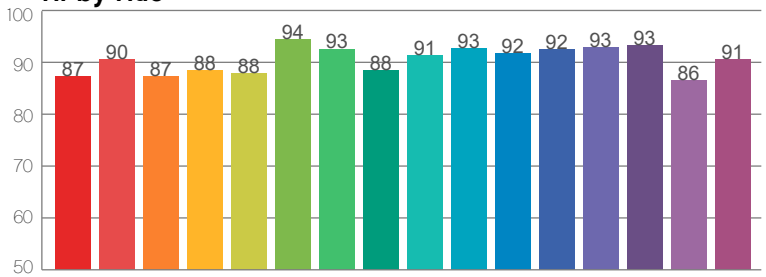
Color Vector Graphic



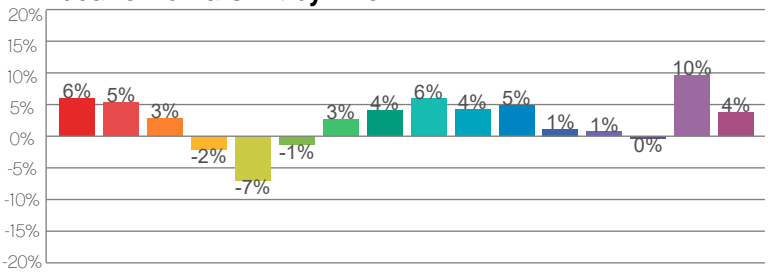
Color Distortion Graphic



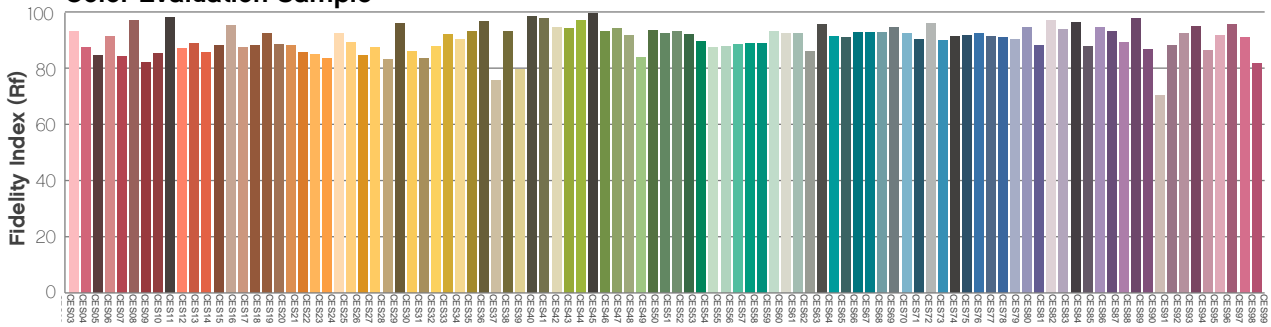
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



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Photometric & Chromaticity Report

Ovation Rêve H2: 45deg Lens - Full Power - Cali Off

Report Summary

Measurements

Fixture Output: 14325 lm
Fixture Peak: 18238 cd
Fixture Efficacy: 70 lm/W
Intensity @ 5m: 729 lux
Color Temperature: 6008 K
CRI: 86.3 CRI R9 Value: 40.1
CQS: 92.9
TLCI: 91
TM-30 Rf: 89.9
TM-30 Rg: 105.5
Beam Angle (50%): 49.2°
Field Angle (10%): 86.2°
Cutoff Angle (3%): 117.2°

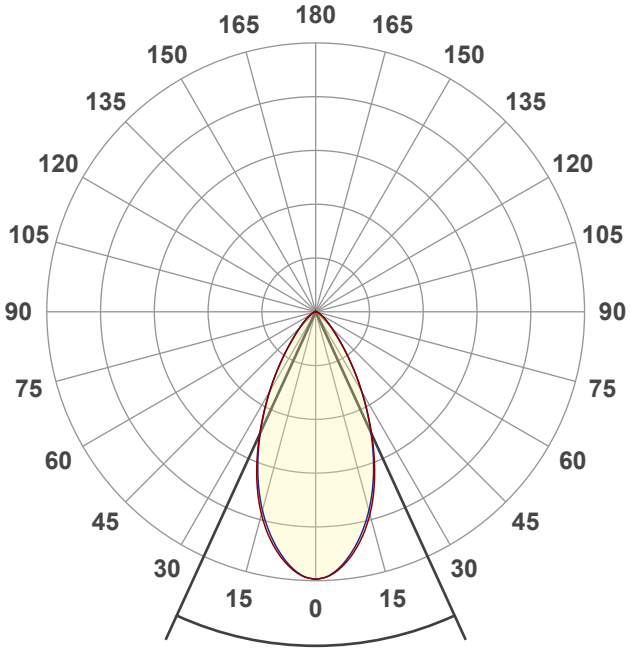
Conditions

AC Supply: 116 V, 60 Hz
Power: 203.89 W
Current: 1.75 A
Power Factor: 1.0

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 7/23/2026 to LM-63-2002 Standards.

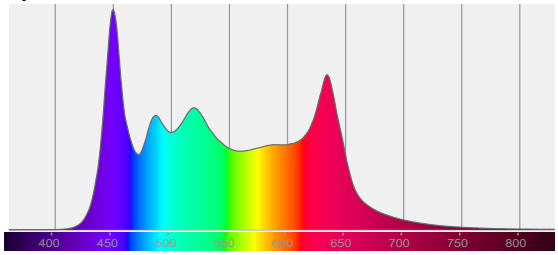
Overall Measurement

Angular Beam Distribution



Beam Angle 49.2°

Spectral Distribution



Tested Color (CIE 1931):
X: 0.323
Y: 0.325

Light Quality

CRI: 86.3

Color Temperature

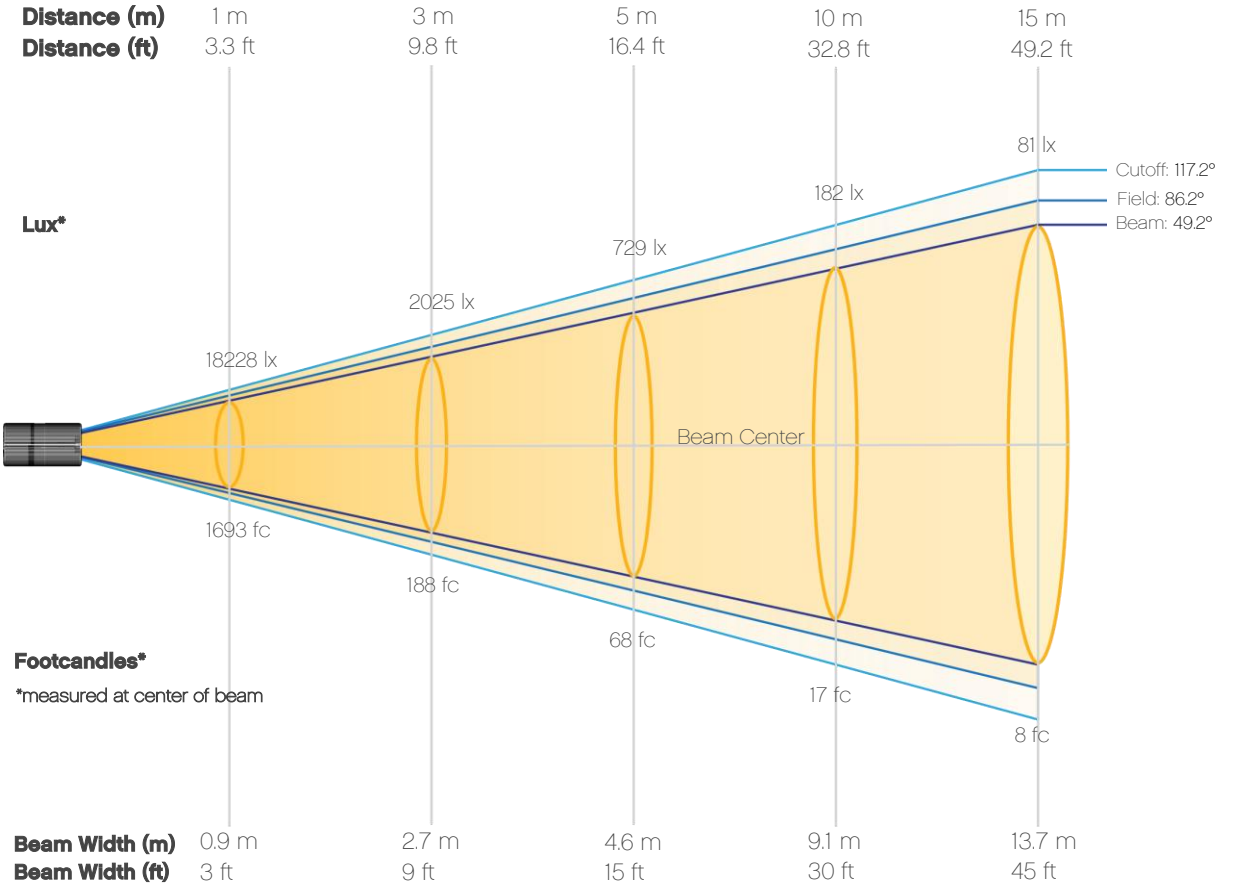
6008 K

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Photometric & Chromaticity Report

Ovation Rêve H2: 45deg Lens - Full Power - Cali Off

Beam Details



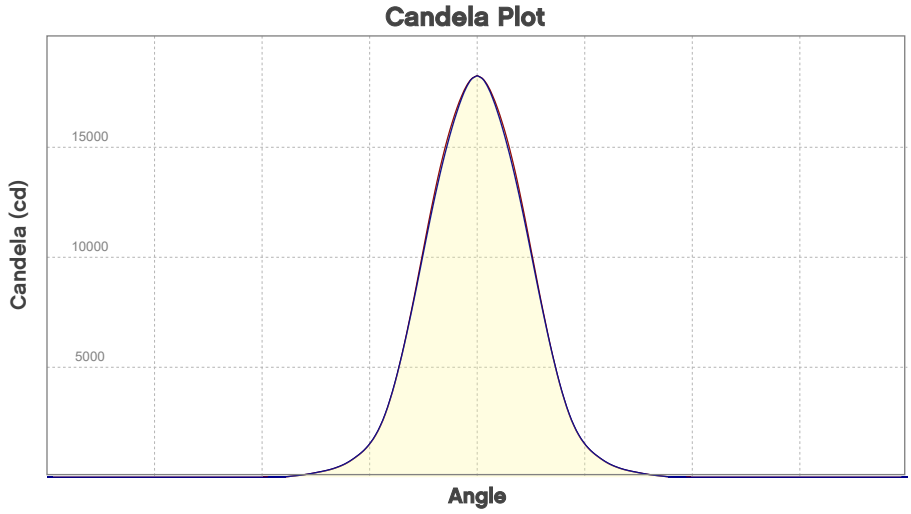
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	18228	4557	2025	1139	729	506	372	285	225	182
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	151	127	108	93	81	71	63	56	50	46
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1693	423	188	106	68	47	35	26	21	17
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	14	12	10	9	8	7	6	5	5	4

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Photometric & Chromaticity Report

Ovation Rêve H2: 45deg Lens - Full Power - Cali Off

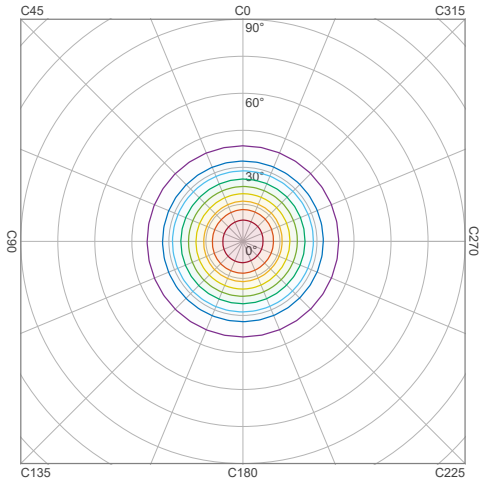


Beam Angle (50%): 49.2°
Field Angle (10%): 86.2°
Cutoff Angle (3%): 117.2°

Vertical Distribution
Horizontal Distribution

ISO Diagrams

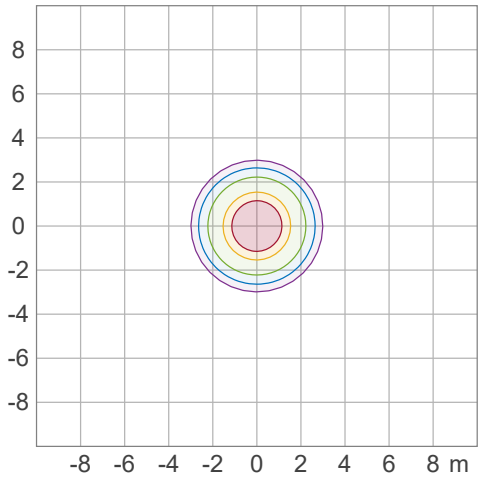
ISO Candela Diagram



90 %	16405.5 cd
80 %	14582.7 cd
70 %	12759.9 cd
60 %	10937.0 cd
50 %	9114.2 cd
40 %	7291.3 cd
30 %	5468.5 cd
20 %	3645.7 cd
10 %	1822.8 cd

Peak intensity: 18228.4 cd
Number of c-planes: 8

ISO Lux Diagram



50.0 %	1013 lx
30.0 %	608 lx
10.0 %	203 lx
5.0 %	101 lx
3.0 %	60.8 lx

Peak illuminance: 2025 lx
Mounting height: 3 m
Number of c-planes: 8

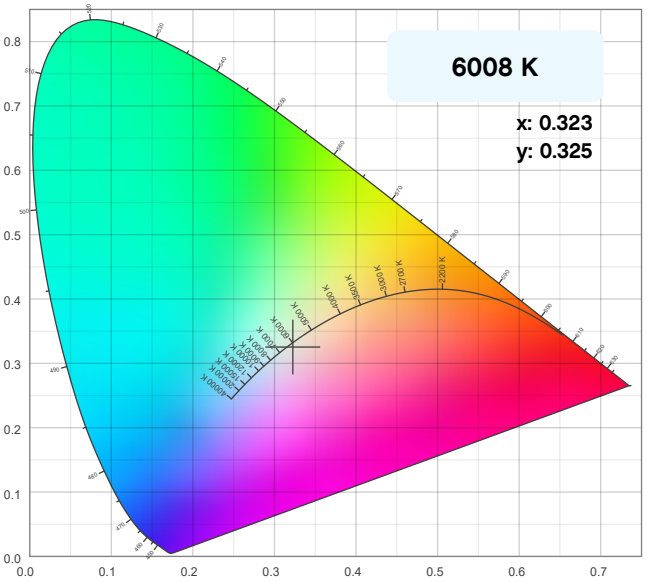
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Photometric & Chromaticity Report

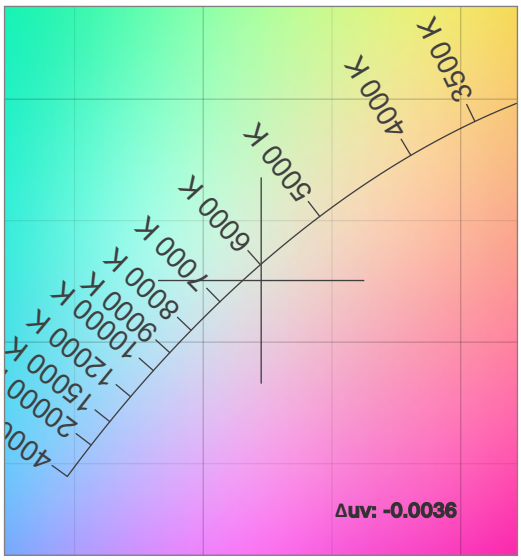
Ovation Rêve H2: 45deg Lens - Full Power - Cali Off

Chromaticity

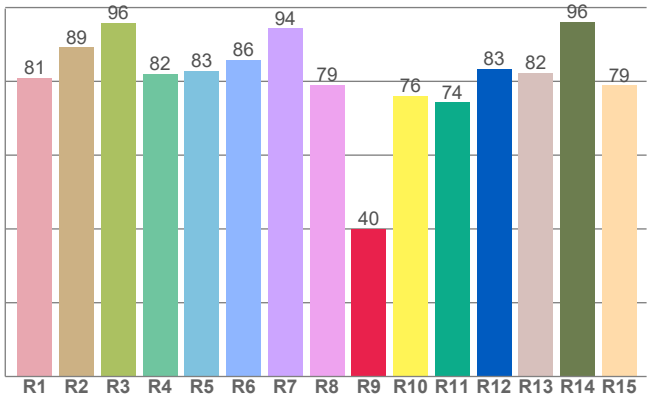
CIE 1931



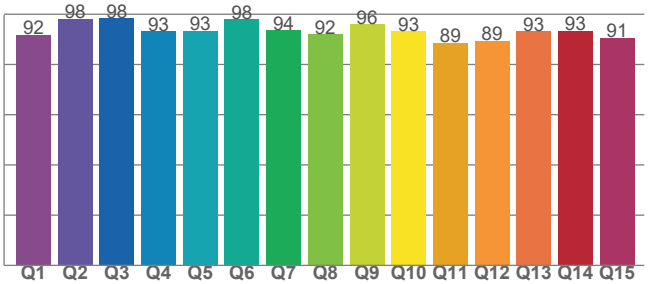
CIE 1931 - Zoom



CRI: 86.3 (R1-R8)



CQS: 92.9



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6008 K	0.323	0.325

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0036	0.325	0.206

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
86.3	40.1	92.9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
91	89.9	105.5

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Photometric & Chromaticity Report

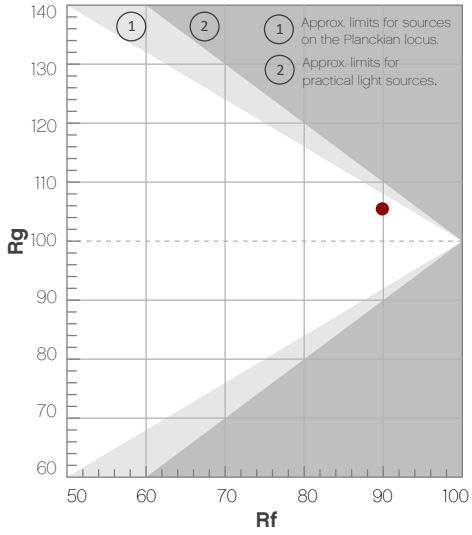
Ovation Rêve H2: 45deg Lens - Full Power - Cali Off

TM-30 Details

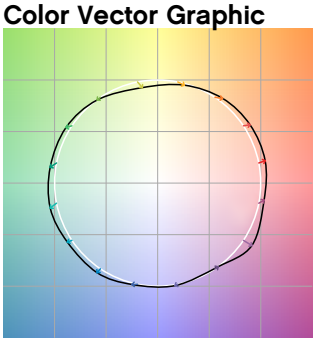
Rf 89.9
Fidelity Index (Rg)

Rg 105.5
Gammut Index (Rg)

		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	86	6%	1%
2	89	6%	-3%
3	87	3%	-7%
4	88	-2%	-7%
5	89	-6%	-3%
6	94	0%	4%
7	91	4%	5%
8	87	5%	5%
9	91	7%	3%
10	92	5%	-1%
11	92	5%	-1%
12	92	1%	-5%
13	93	1%	-3%
14	92	0%	4%
15	86	10%	0%
16	89	4%	4%



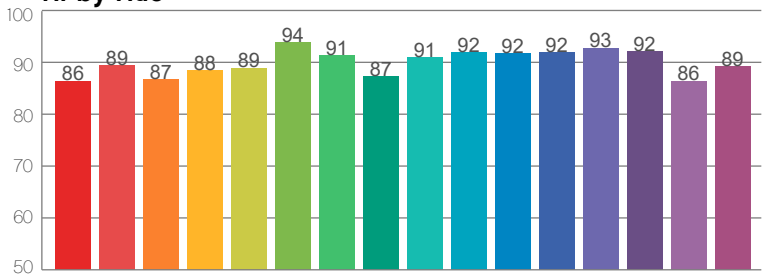
Color Vector Graphic



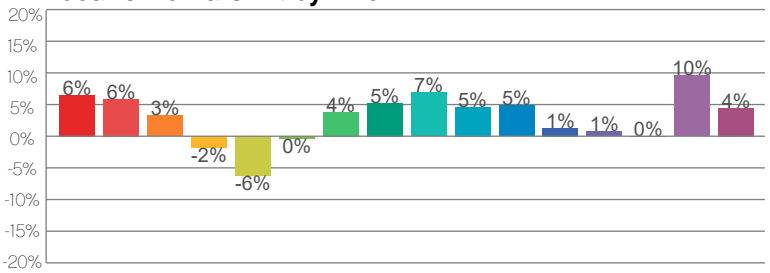
Color Distortion Graphic



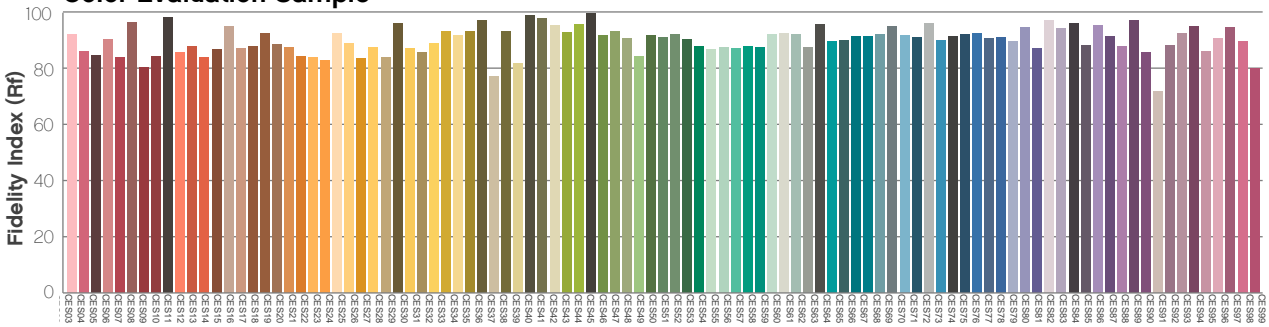
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



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Photometric & Chromaticity Report

Ovation Rêve H2: 45deg Lens - 3200K - Cali Off

Report Summary

Measurements

Fixture Output: 5659 lm
Fixture Peak: 7255 cd
Fixture Efficacy: 76 lm/W
Intensity @ 5m: 290 lux
Color Temperature: 2606 K
CRI: 96.8 CRI R9 Value: 94.4
CQS: 89.2
TLCI: 87
TM-30 Rf: 93.3
TM-30 Rg: 98.5
Beam Angle (50%): 49.1°
Field Angle (10%): 85.9°
Cutoff Angle (3%): 116.8°

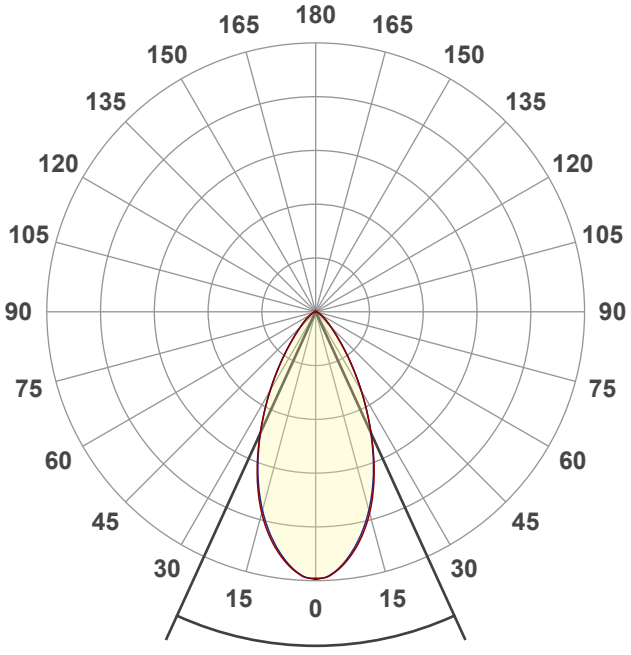
Conditions

AC Supply: 118 V, 60 Hz
Power: 74.93 W
Current: 0.634 A
Power Factor: 0.99

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 7/24/2026 to LM-63-2002 Standards.

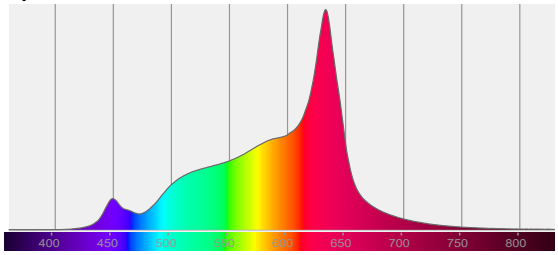
Overall Measurement

Angular Beam Distribution



Beam Angle 49.1°

Spectral Distribution



Tested Color (CIE 1931):
X: 0.474
Y: 0.423

Light Quality

CRI: 96.8

Color Temperature

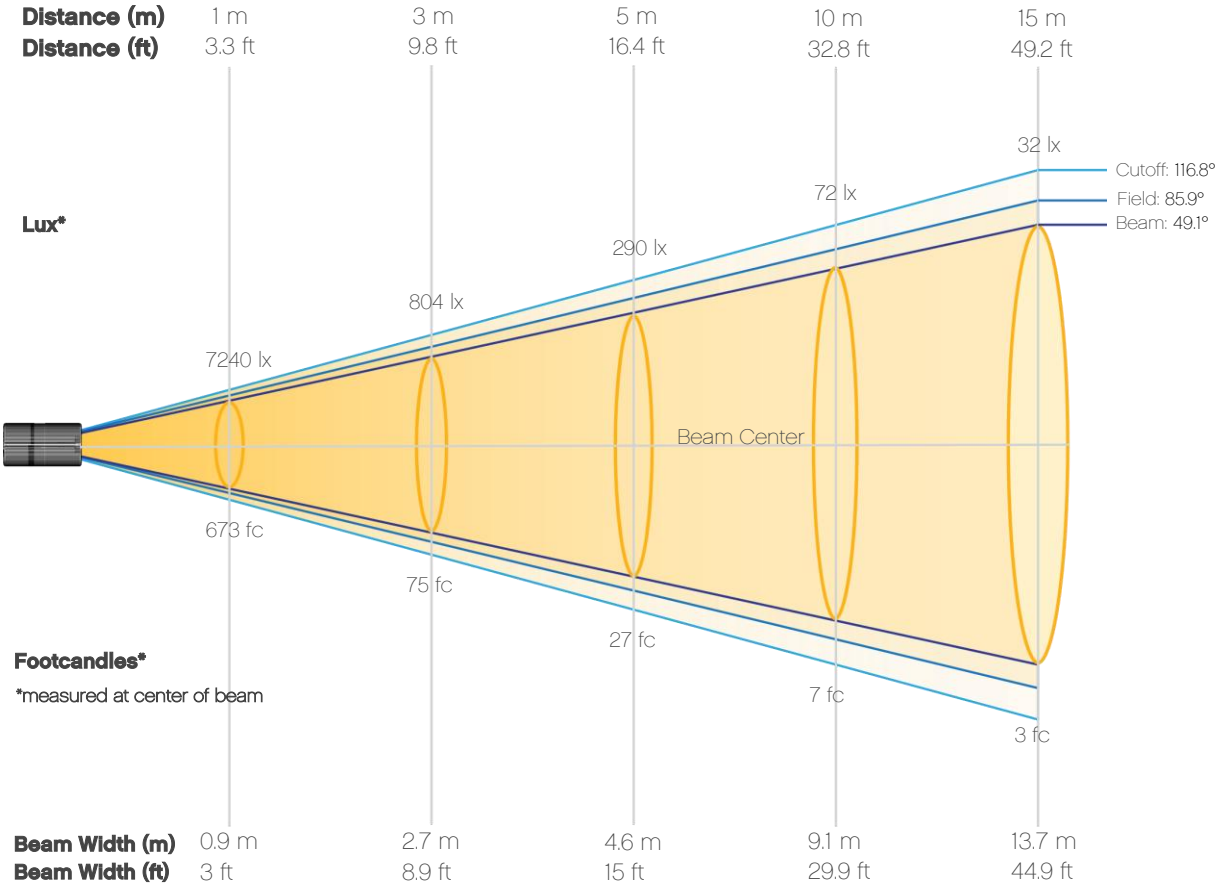
2606 K

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Photometric & Chromaticity Report

Ovation Rêve H2: 45deg Lens - 3200K - Cali Off

Beam Details



Beam Intensities from 1-20m (3.3-65.6ft)

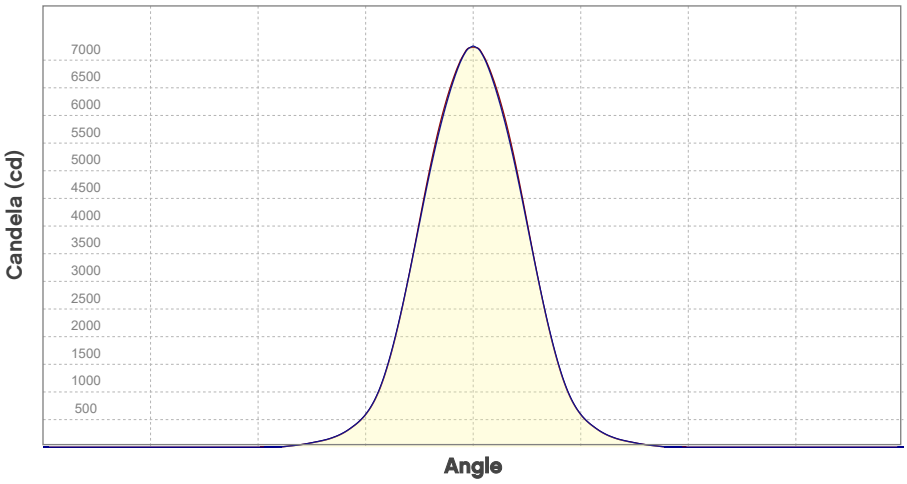
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	7240	1810	804	453	290	201	148	113	89	72
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	60	50	43	37	32	28	25	22	20	18
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	673	168	75	42	27	19	14	11	8	7
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	6	5	4	3	3	3	2	2	2	2

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Photometric & Chromaticity Report

Ovation Rêve H2: 45deg Lens - 3200K - Cali Off

Candela Plot

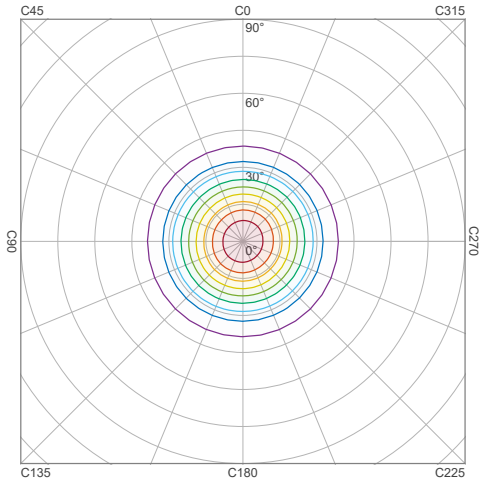


Beam Angle (50%): 49.1°
Field Angle (10%): 85.9°
Cutoff Angle (3%): 116.8°

Vertical Distribution
Horizontal Distribution

ISO Diagrams

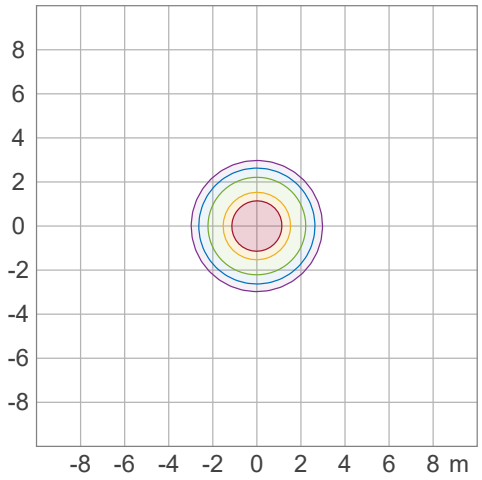
ISO Candela Diagram



90 %	6524.9 cd
80 %	5799.9 cd
70 %	5074.9 cd
60 %	4349.9 cd
50 %	3624.9 cd
40 %	2900.0 cd
30 %	2175.0 cd
20 %	1450.0 cd
10 %	725.0 cd

Peak intensity: 7249.9 cd
Number of c-planes: 8

ISO Lux Diagram



50.0 %	403 lx
30.0 %	242 lx
10.0 %	80.5 lx
5.0 %	40.3 lx
3.0 %	24.2 lx

Peak illuminance: 805 lx
Mounting height: 3 m
Number of c-planes: 8

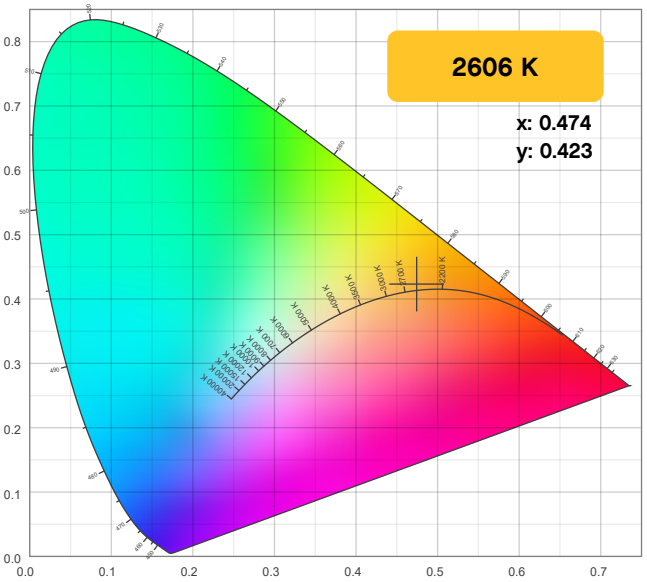
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Photometric & Chromaticity Report

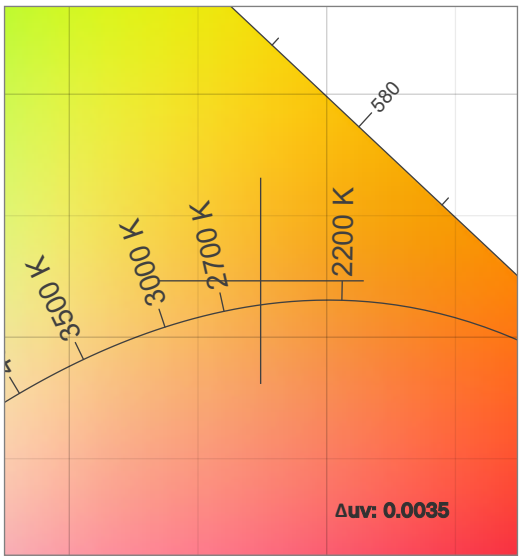
Ovation Rêve H2: 45deg Lens - 3200K - Cali Off

Chromaticity

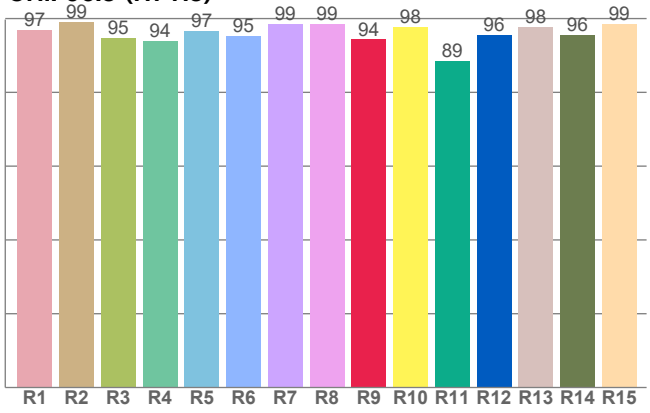
CIE 1931



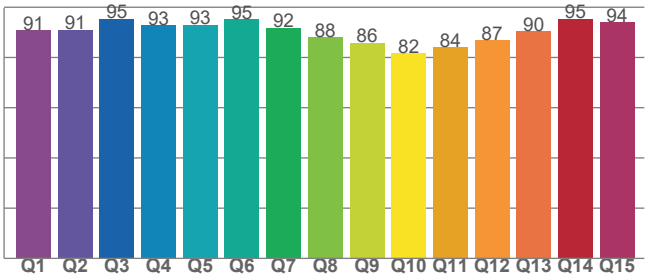
CIE 1931 - Zoom



CRI: 96.8 (R1-R8)



CQS: 89.2



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
2606 K	0.474	0.423

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0035	0.423	0.266

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
96.8	94.4	89.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
87	93.3	98.5

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Photometric & Chromaticity Report

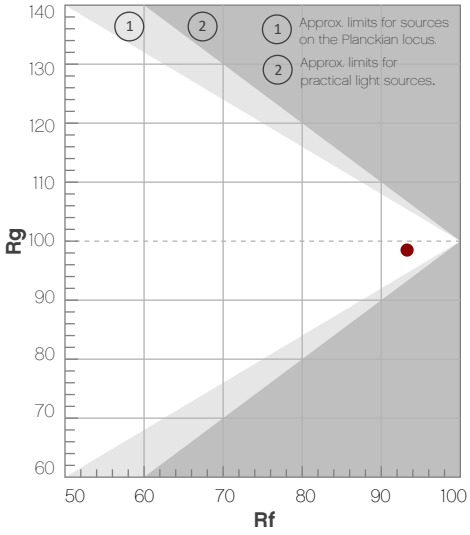
Ovation Rêve H2: 45deg Lens - 3200K - Cali Off

TM-30 Details

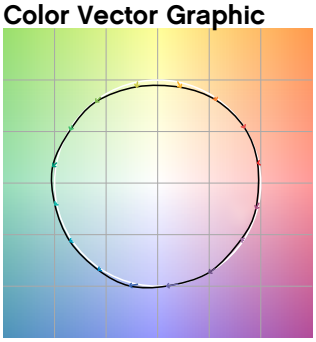
Rf 93.3
Fidelity Index (Rg)

Rg 98.5
Gammut Index (Rg)

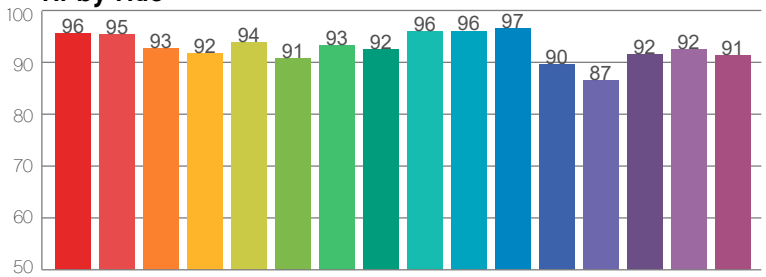
		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	96	-1%	0%
2	95	0%	-2%
3	93	-2%	-3%
4	92	-5%	-4%
5	94	-4%	2%
6	91	-1%	6%
7	93	-1%	4%
8	92	3%	4%
9	96	2%	1%
10	96	2%	0%
11	97	2%	-1%
12	90	3%	-7%
13	87	0%	-11%
14	92	0%	-7%
15	92	-2%	0%
16	91	-2%	-6%



Color Vector Graphic



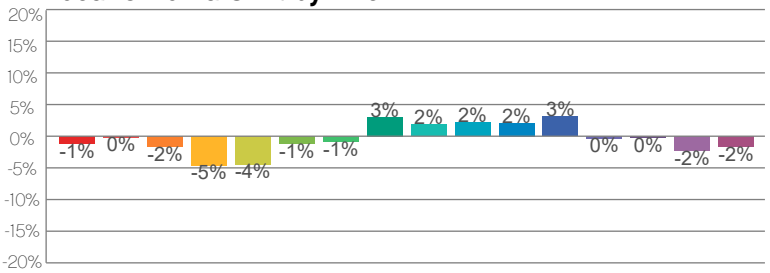
Rf by Hue



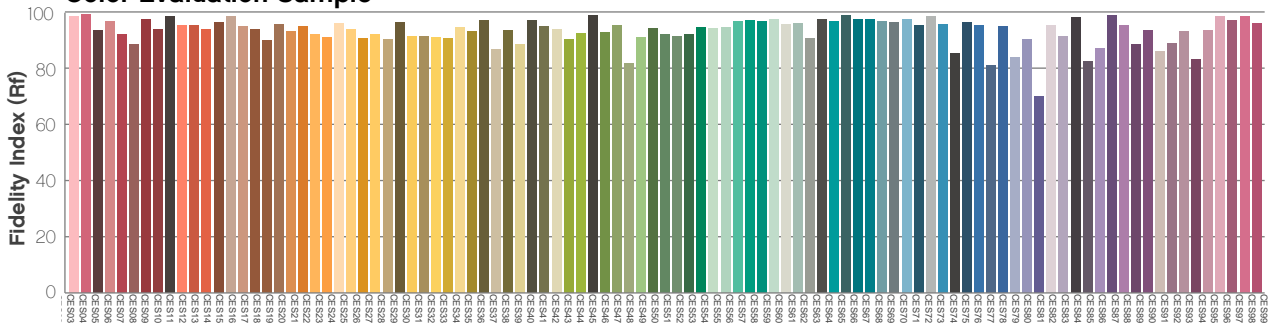
Color Distortion Graphic



Local Chroma Shift by Hue



Color Evaluation Sample



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Photometric & Chromaticity Report

Ovation Rêve H2: 45deg Lens - 4000K - Cali Off

Report Summary

Measurements

Fixture Output: 10361 lm
Fixture Peak: 13208 cd
Fixture Efficacy: 79 lm/W
Intensity @ 5m: 528 lux
Color Temperature: 3803 K
CRI: 97.9 CRI R9 Value: 94.5
CQS: 96.4
TLCI: 92
TM-30 Rf: 93.9
TM-30 Rg: 100.4
Beam Angle (50%): 49.2°
Field Angle (10%): 86.1°
Cutoff Angle (3%): 117°

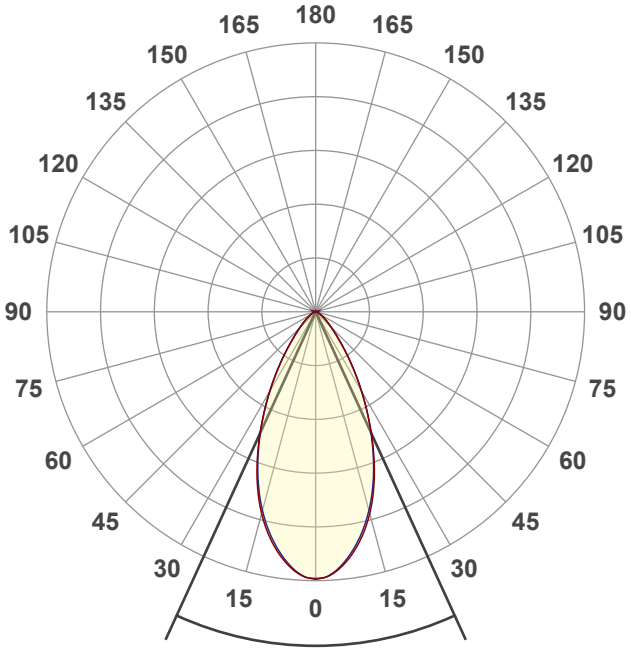
Conditions

AC Supply: 118 V, 60 Hz
Power: 131.14 W
Current: 1.11 A
Power Factor: 1.0

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 7/24/2026 to LM-63-2002 Standards.

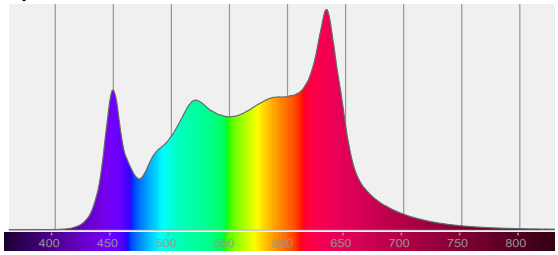
Overall Measurement

Angular Beam Distribution



Beam Angle 49.2°

Spectral Distribution



Tested Color (CIE 1931)**:**
X: 0.392
Y: 0.391

Light Quality

CRI: 97.9

Color Temperature

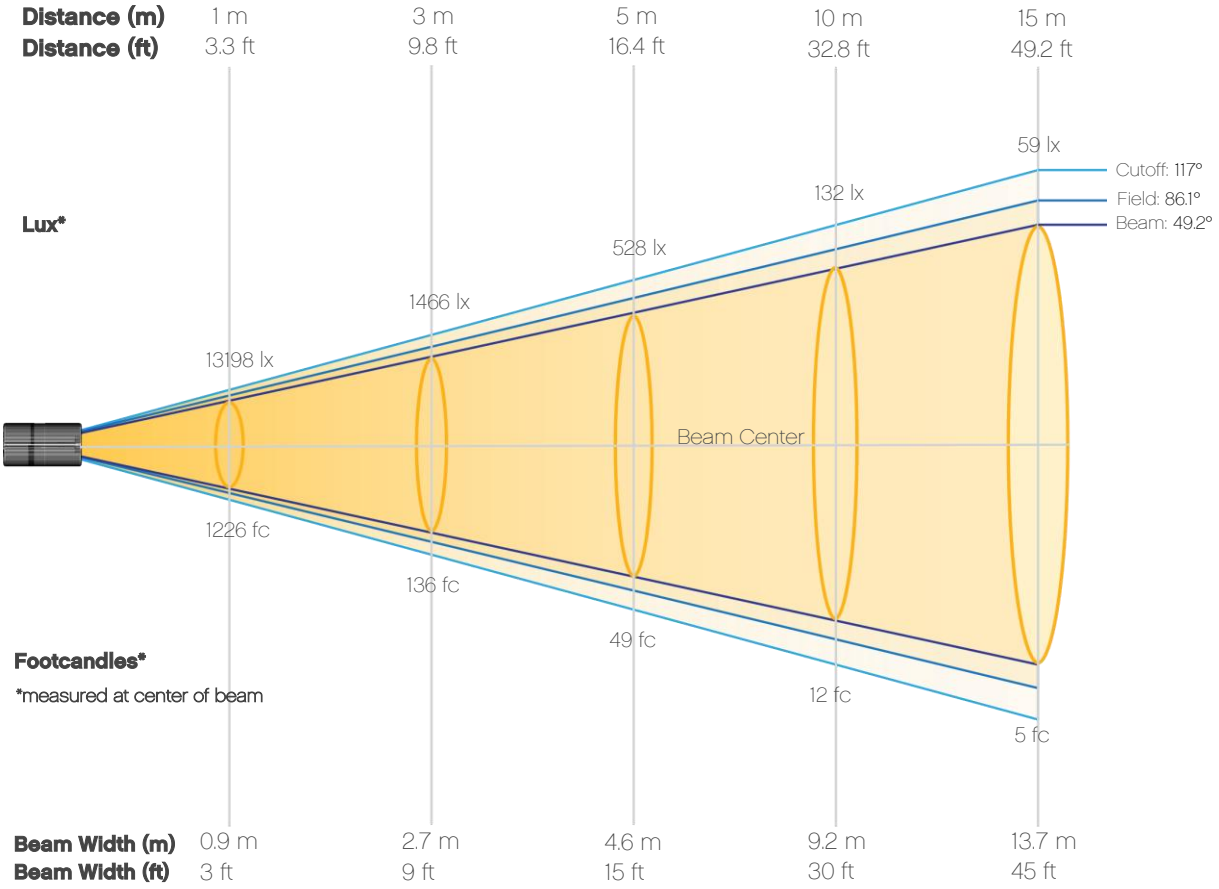
3803 K

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Photometric & Chromaticity Report

Ovation Rêve H2: 45deg Lens - 4000K - Cali Off

Beam Details



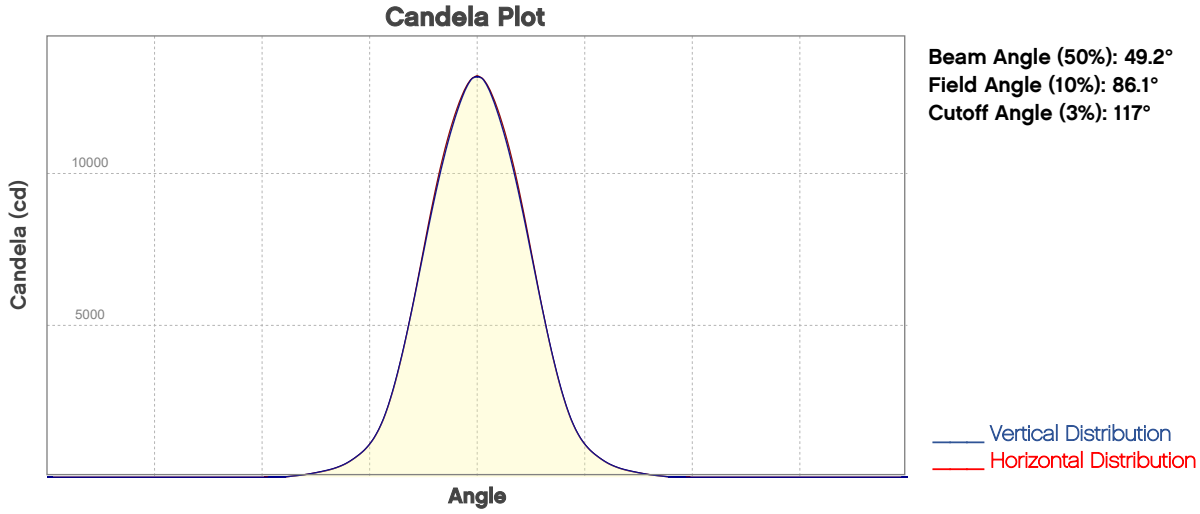
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	13198	3299	1466	825	528	367	269	206	163	132
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	109	92	78	67	59	52	46	41	37	33
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1226	307	136	77	49	34	25	19	15	12
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	10	9	7	6	5	5	4	4	3	3

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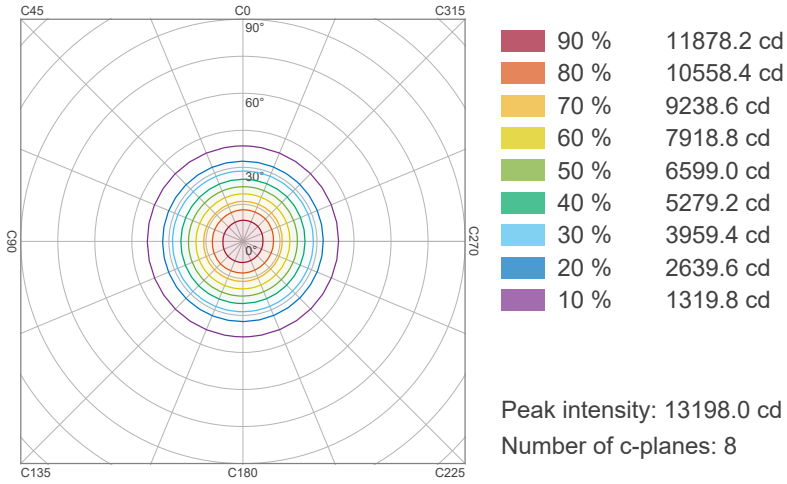
Photometric & Chromaticity Report

Ovation Rêve H2: 45deg Lens - 4000K - Cali Off



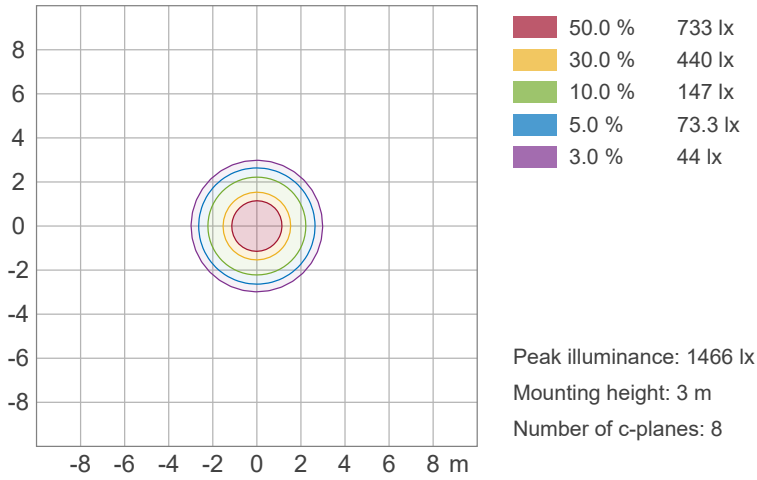
ISO Diagrams

ISO Candela Diagram



Peak intensity: 13198.0 cd
Number of c-planes: 8

ISO Lux Diagram



Peak illuminance: 1466 lx
Mounting height: 3 m
Number of c-planes: 8

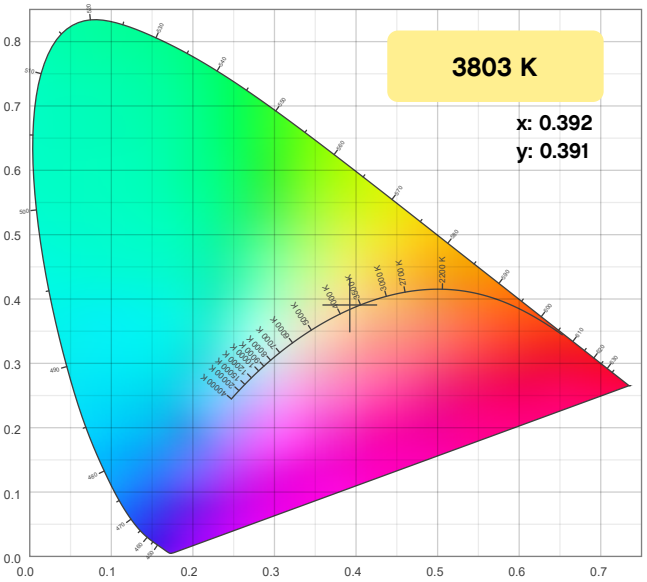
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Photometric & Chromaticity Report

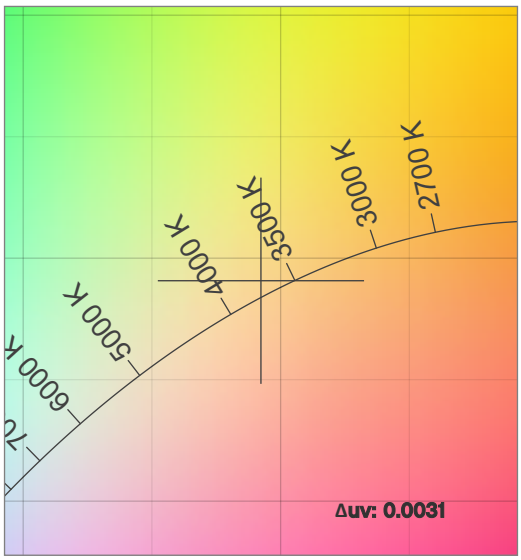
Ovation Rêve H2: 45deg Lens - 4000K - Cali Off

Chromaticity

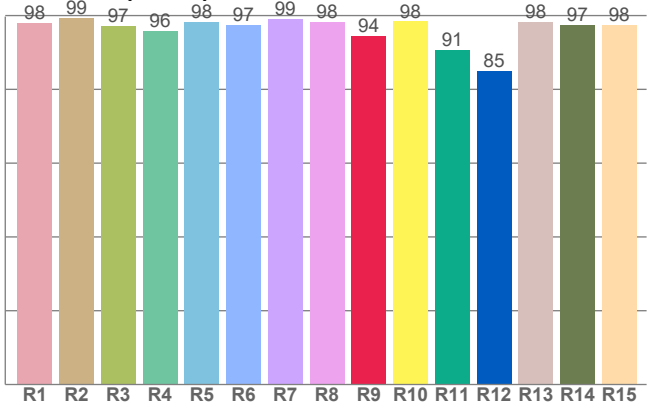
CIE 1931



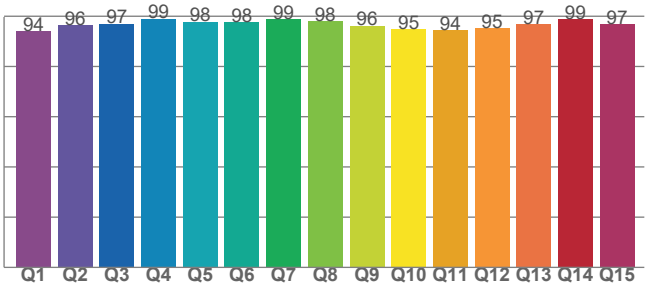
CIE 1931 - Zoom



CRI: 97.9 (R1-R8)



CQS: 96.4



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3803 K	0.392	0.391

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0031	0.391	0.227

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
97.9	94.5	96.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
92	93.9	100.4

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Photometric & Chromaticity Report

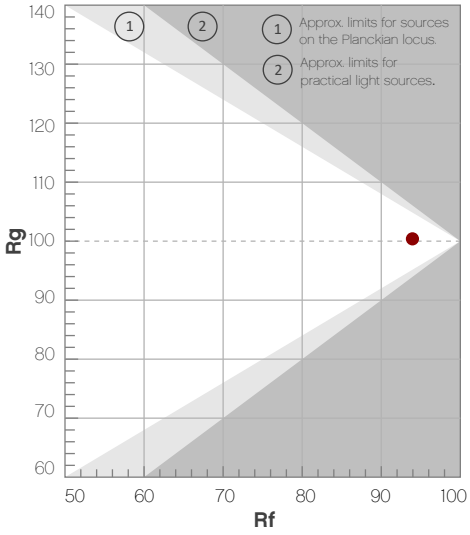
Ovation Rêve H2: 45deg Lens - 4000K - Cali Off

TM-30 Details

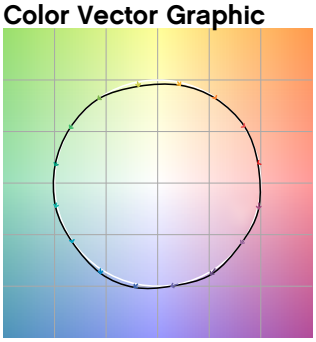
Rf 93.9
Fidelity Index (Rg)

Rg 100.4
Gammut Index (Rg)

		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	96	-1%	0%
2	97	0%	-1%
3	95	-1%	-1%
4	94	-3%	-3%
5	93	-4%	0%
6	96	0%	3%
7	94	0%	3%
8	94	1%	3%
9	95	2%	3%
10	97	1%	2%
11	93	4%	3%
12	90	4%	-2%
13	91	1%	-7%
14	91	2%	-6%
15	91	0%	-4%
16	91	1%	-5%



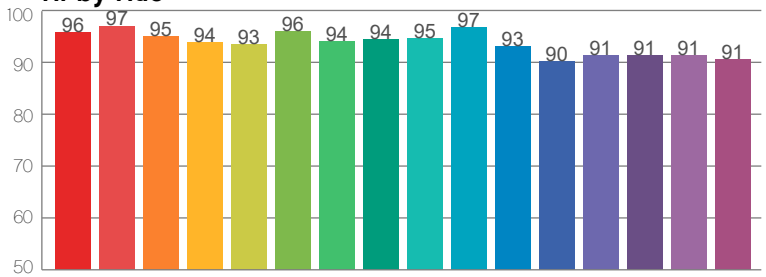
Color Vector Graphic



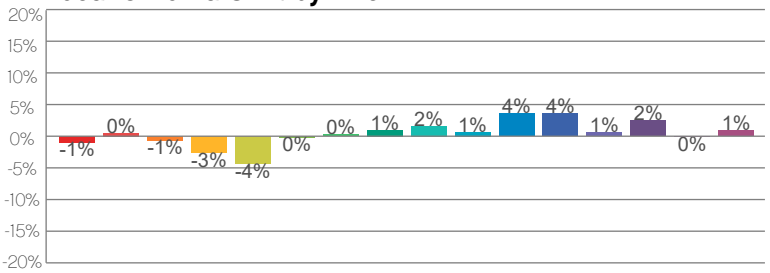
Color Distortion Graphic



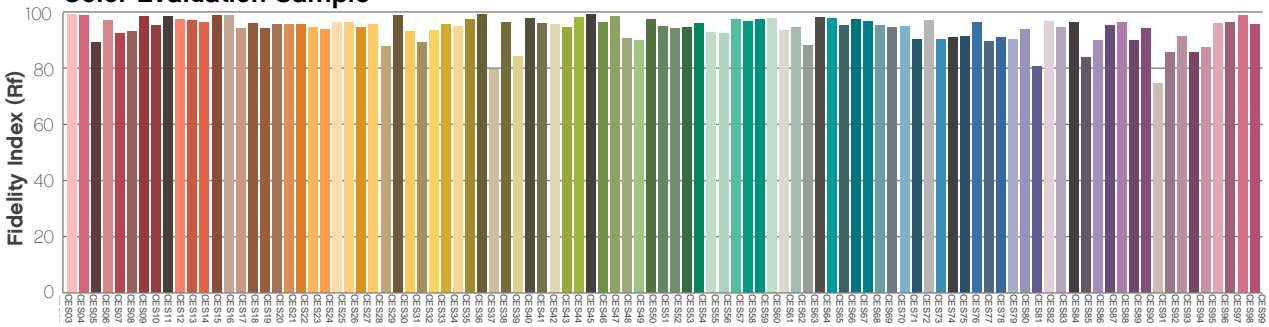
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



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Photometric & Chromaticity Report

Ovation Rêve H2: 45deg Lens - 5600K - Cali Off

Report Summary

Measurements

Fixture Output: 11930 lm
Fixture Peak: 15179 cd
Fixture Efficacy: 76 lm/W
Intensity @ 5m: 607 lux
Color Temperature: 6077 K
CRI: 97.3 CRI R9 Value: 91.2
CQS: 96.6
TLCI: 95
TM-30 Rf: 93.5
TM-30 Rg: 100.5
Beam Angle (50%): 49.3°
Field Angle (10%): 86.2°
Cutoff Angle (3%): 117.1°

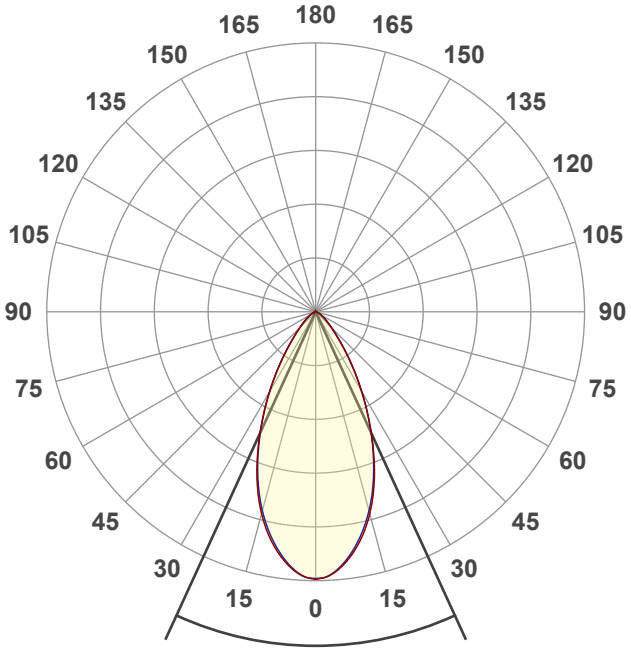
Conditions

AC Supply: 117 V, 60 Hz
Power: 157.39 W
Current: 1.34 A
Power Factor: 1.0

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 7/24/2026 to LM-63-2002 Standards.

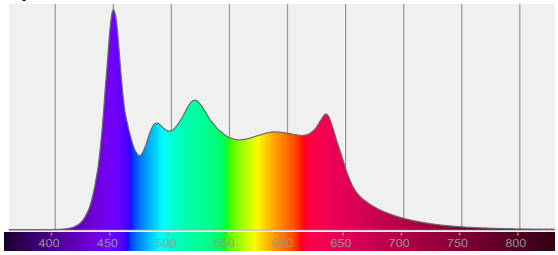
Overall Measurement

Angular Beam Distribution



Beam Angle 49.3°

Spectral Distribution



Tested Color (CIE 1931):
X: 0.320
Y: 0.338

Light Quality

CRI: 97.3

Color Temperature

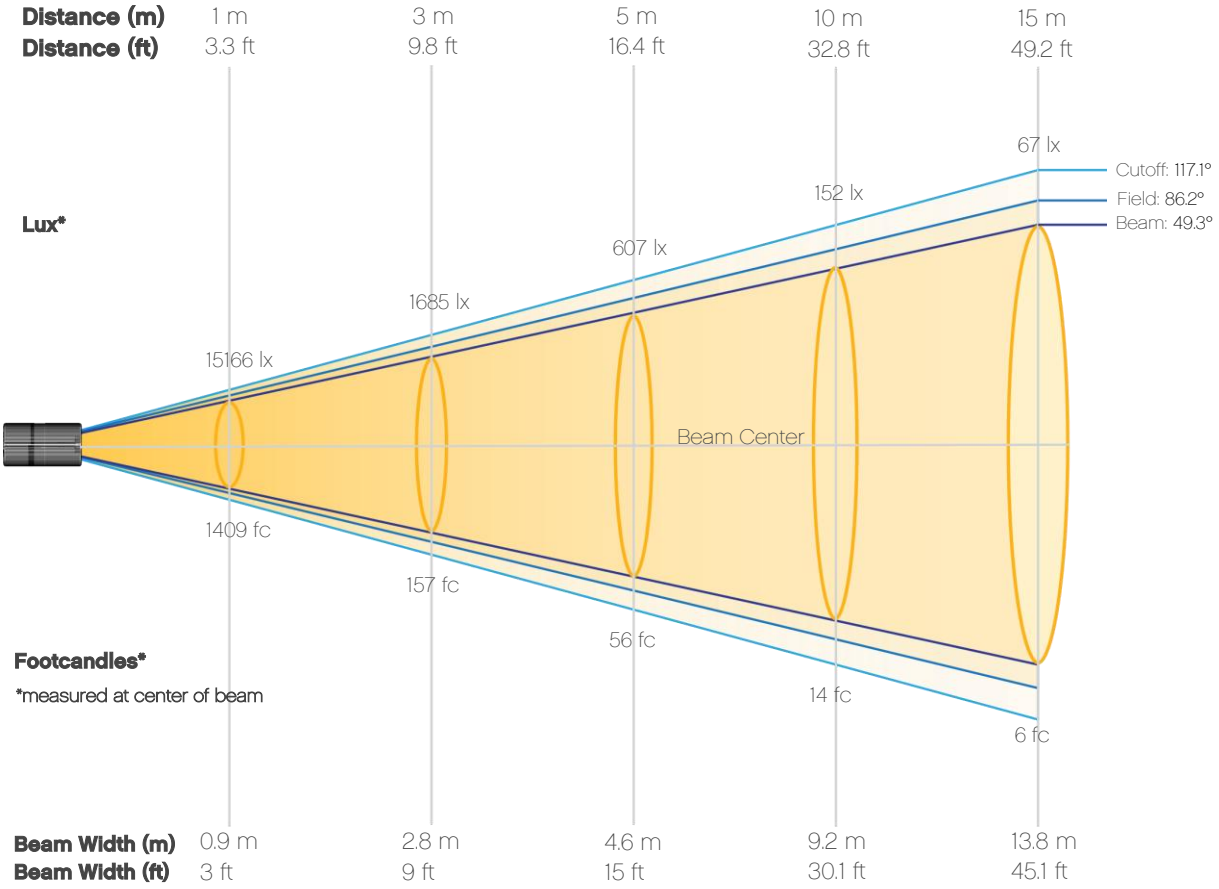
6077 K

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Photometric & Chromaticity Report

Ovation Rêve H2: 45deg Lens - 5600K - Cali Off

Beam Details



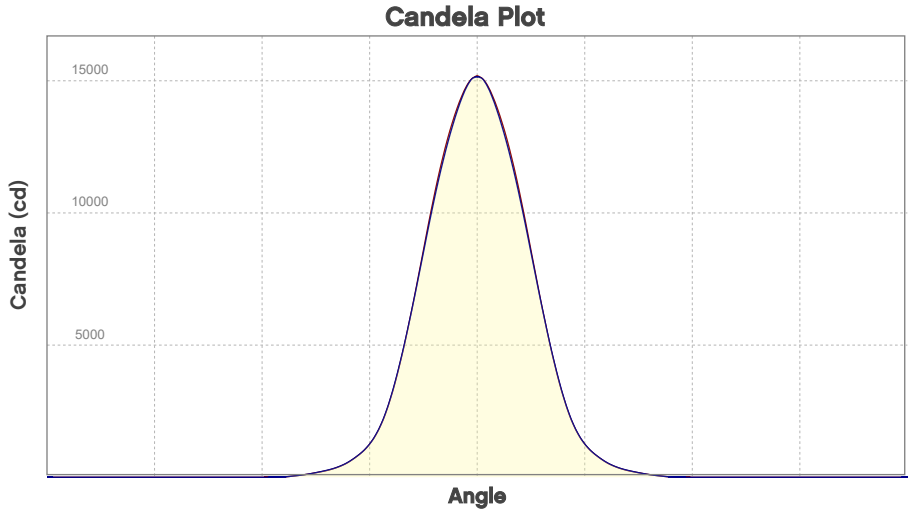
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	15166	3791	1685	948	607	421	310	237	187	152
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	125	105	90	77	67	59	52	47	42	38
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1409	352	157	88	56	39	29	22	17	14
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	12	10	8	7	6	6	5	4	4	4

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Photometric & Chromaticity Report

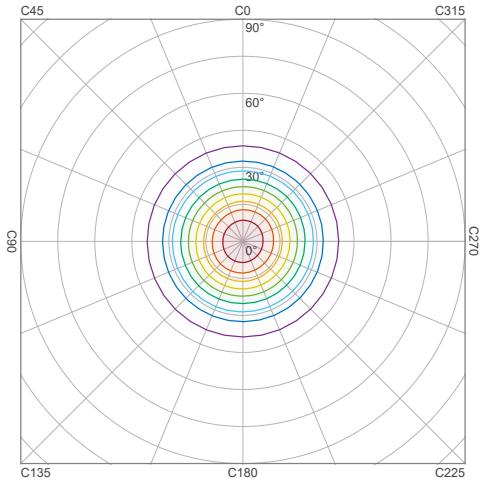
Ovation Rêve H2: 45deg Lens - 5600K - Cali Off



Beam Angle (50%): 49.3°
Field Angle (10%): 86.2°
Cutoff Angle (3%): 117.1°

ISO Diagrams

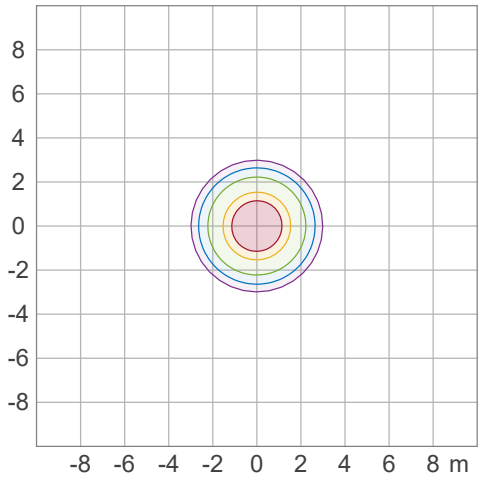
ISO Candela Diagram



90 %	13657.7 cd
80 %	12140.2 cd
70 %	10622.7 cd
60 %	9105.2 cd
50 %	7587.6 cd
40 %	6070.1 cd
30 %	4552.6 cd
20 %	3035.1 cd
10 %	1517.5 cd

Peak intensity: 15175.3 cd
Number of c-planes: 8

ISO Lux Diagram



50.0 %	843 lx
30.0 %	506 lx
10.0 %	169 lx
5.0 %	84.3 lx
3.0 %	50.6 lx

Peak illuminance: 1685 lx
Mounting height: 3 m
Number of c-planes: 8

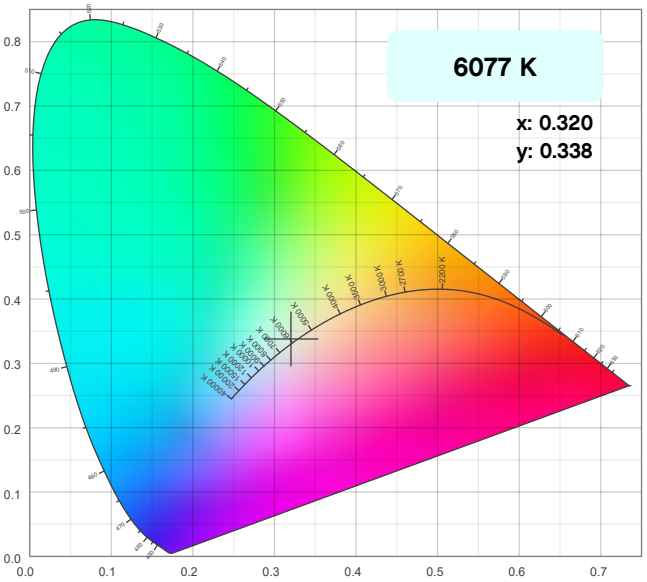
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Photometric & Chromaticity Report

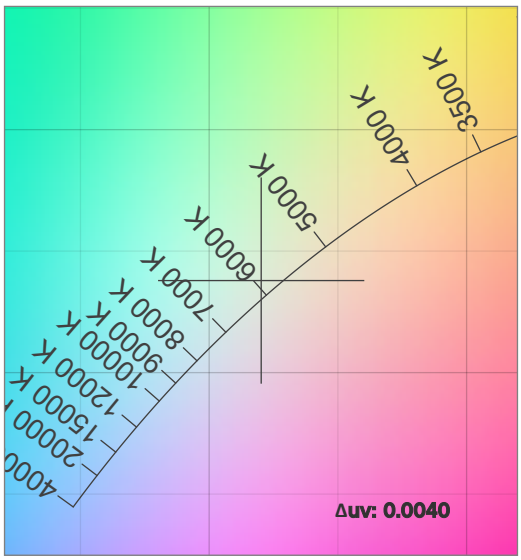
Ovation Rêve H2: 45deg Lens - 5600K - Cali Off

Chromaticity

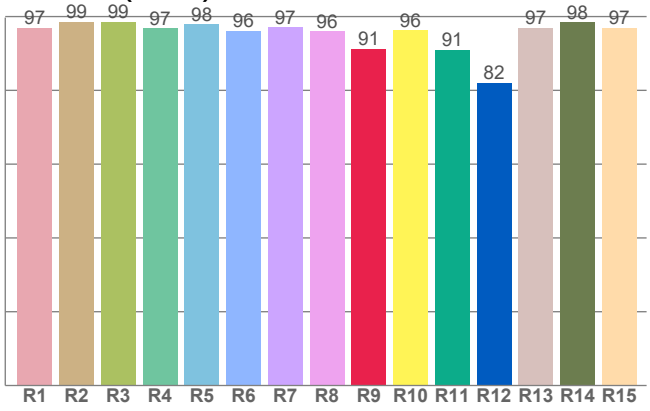
CIE 1931



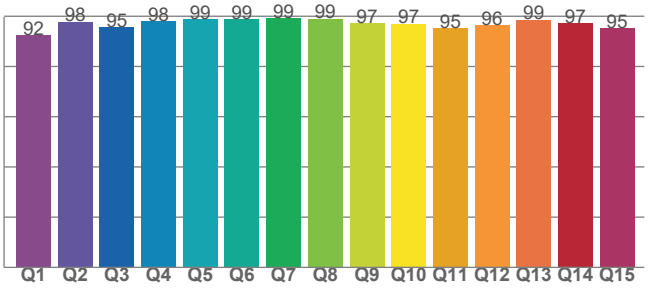
CIE 1931 - Zoom



CRI: 97.3 (R1-R8)



CQS: 96.6



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6077 K	0.320	0.338

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0040	0.338	0.200

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
97.3	91.2	96.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
95	93.5	100.5

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Photometric & Chromaticity Report

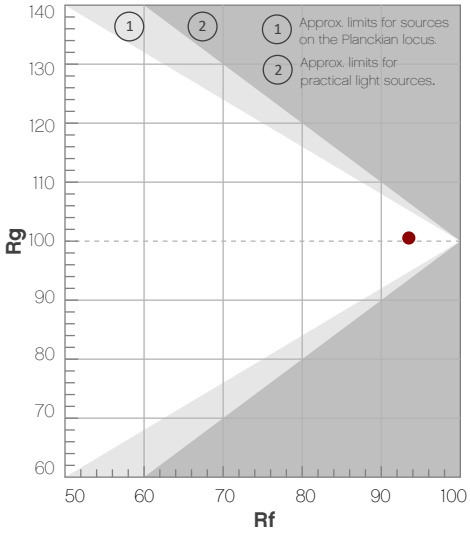
Ovation Rêve H2: 45deg Lens - 5600K - Cali Off

TM-30 Details

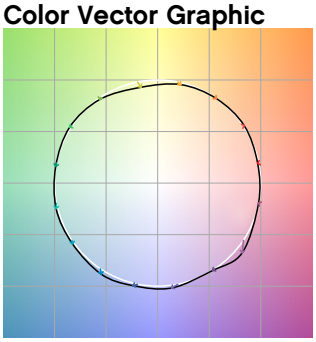
Rf 93.5
Fidelity Index (Rg)

Rg 100.5
Gammut Index (Rg)

		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	94	-1%	0%
2	98	1%	0%
3	95	0%	-2%
4	94	-2%	-3%
5	91	-6%	-2%
6	96	-1%	2%
7	96	1%	2%
8	94	0%	3%
9	94	1%	5%
10	94	1%	3%
11	91	4%	4%
12	93	2%	-4%
13	91	2%	-6%
14	94	0%	-3%
15	85	6%	-11%
16	97	0%	0%



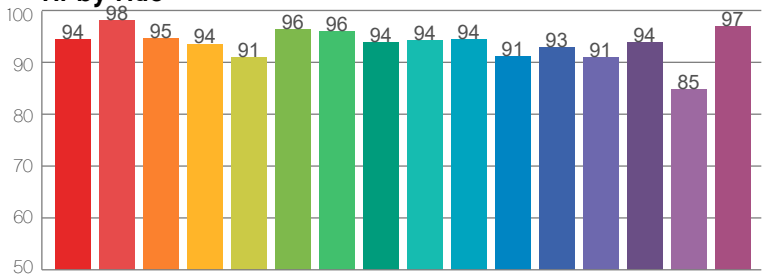
Color Vector Graphic



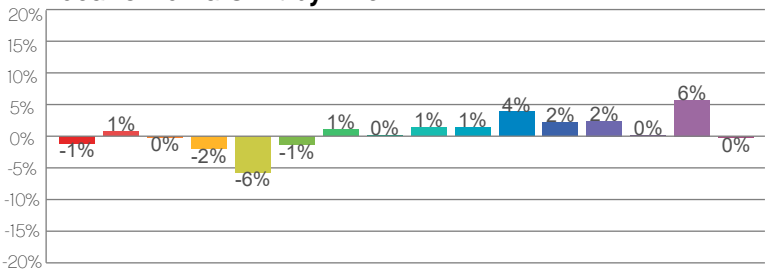
Color Distortion Graphic



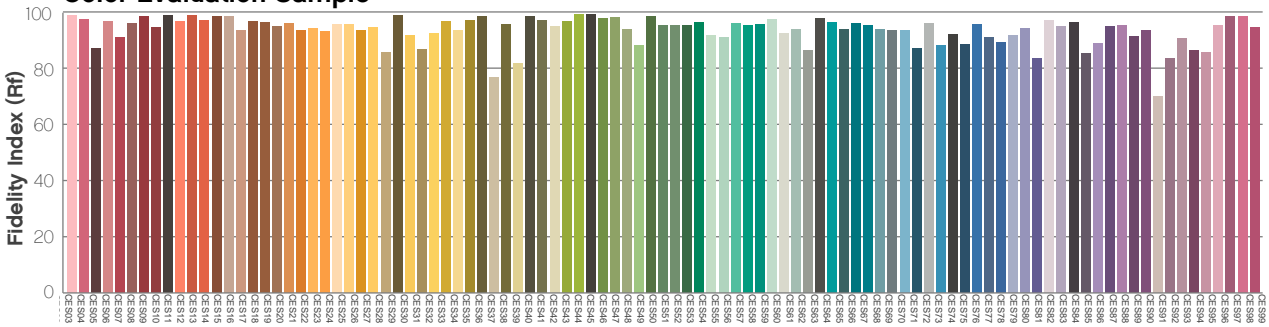
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



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Photometric & Chromaticity Report

Ovation Rêve H2: 65deg Lens - Full Power - Cali Off

Report Summary

Measurements

Fixture Output: 14005 lm
Fixture Peak: 12681 cd
Fixture Efficacy: 70 lm/W
Intensity @ 5m: 507 lux
Color Temperature: 6085 K
CRI: 87.2 CRI R9 Value: 42.7
CQS: 93.2
TLCI: 92
TM-30 Rf: 90.1
TM-30 Rg: 104.9
Beam Angle (50%): 61.8°
Field Angle (10%): 104.1°
Cutoff Angle (3%): 128.5°

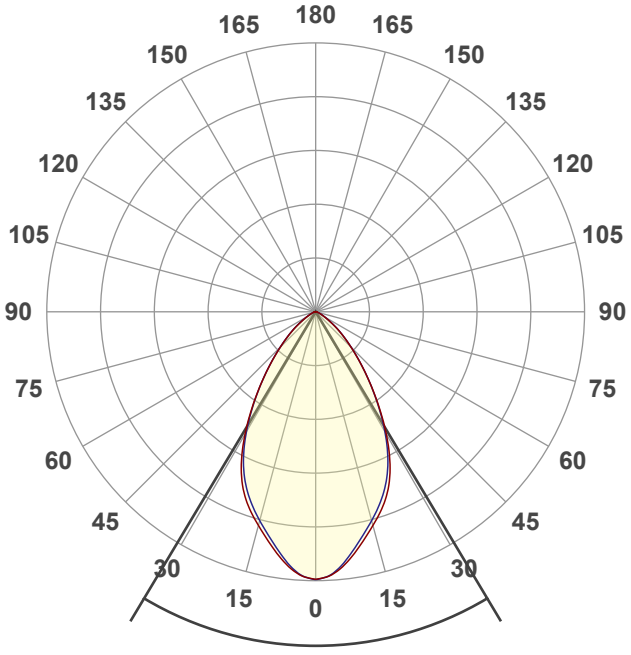
Conditions

AC Supply: 116 V, 60 Hz
Power: 201.06 W
Current: 1.74 A
Power Factor: 1.0

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 7/27/2026 to LM-63-2002 Standards.

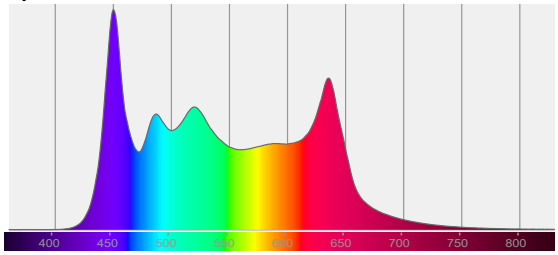
Overall Measurement

Angular Beam Distribution



Beam Angle 61.8°

Spectral Distribution



Tested Color (CIE 1931):
X: 0.321
Y: 0.326

Light Quality

CRI: 87.2

Color Temperature

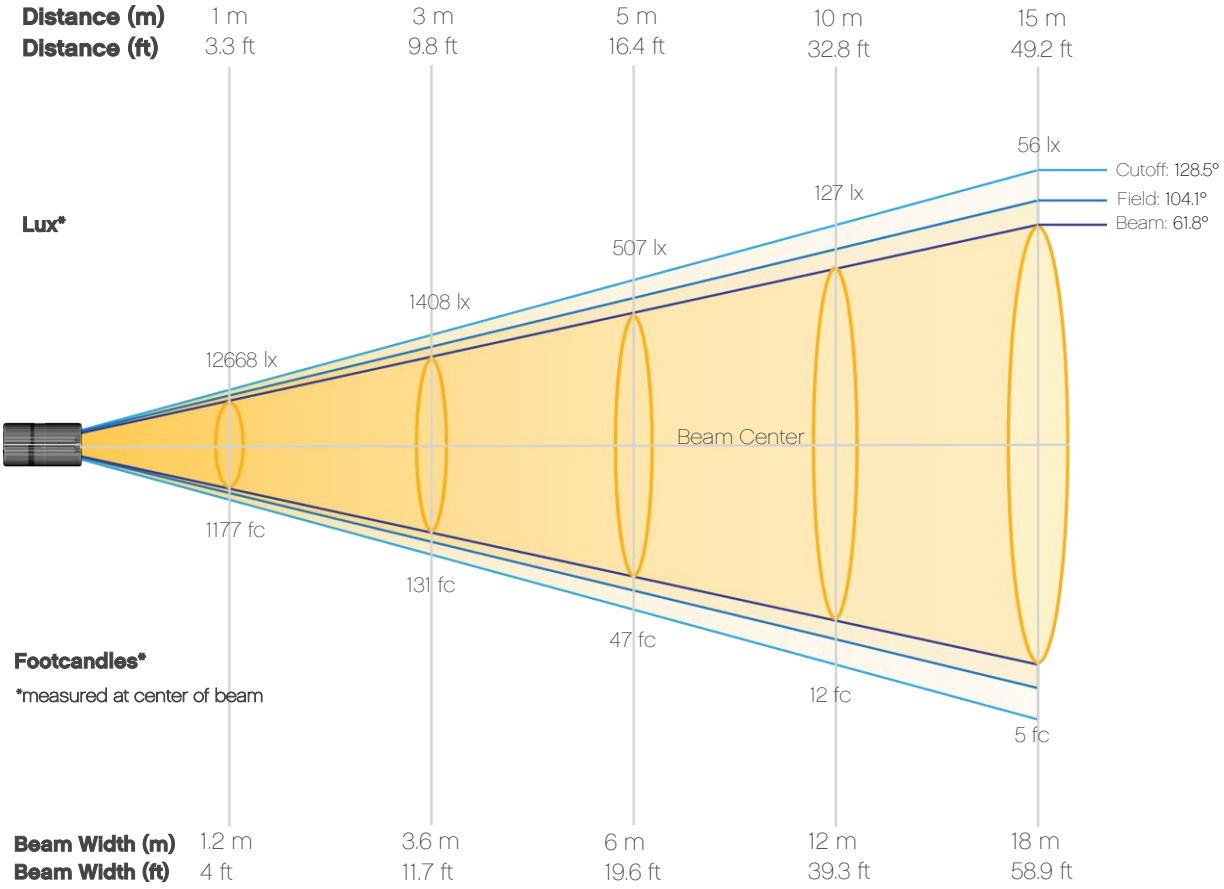
6085 K

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Photometric & Chromaticity Report

Ovation Rêve H2: 65deg Lens - Full Power - Cali Off

Beam Details



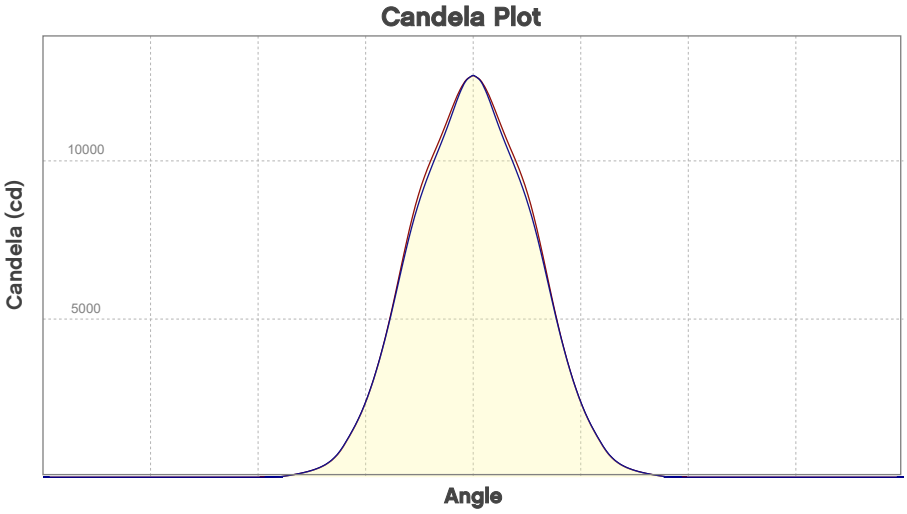
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	12668	3167	1408	792	507	352	259	198	156	127
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	105	88	75	65	56	49	44	39	35	32
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1177	294	131	74	47	33	24	18	15	12
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	10	8	7	6	5	5	4	4	3	3

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Photometric & Chromaticity Report

Ovation Rêve H2: 65deg Lens - Full Power - Cali Off

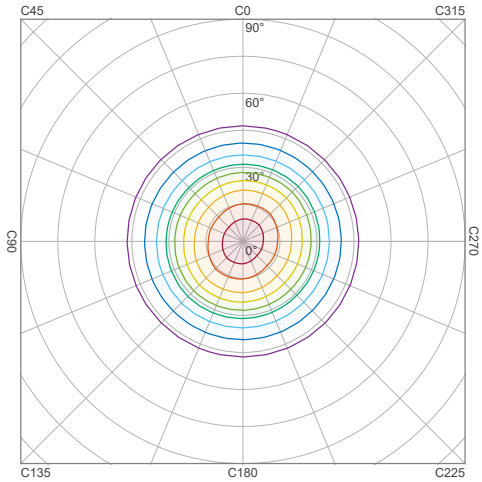


Beam Angle (50%): 61.8°
Field Angle (10%): 104.1°
Cutoff Angle (3%): 128.5°

Vertical Distribution
Horizontal Distribution

ISO Diagrams

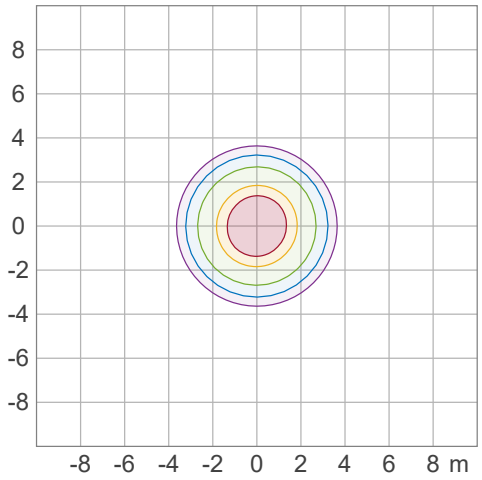
ISO Candela Diagram



90 %	11413.3 cd
80 %	10145.1 cd
70 %	8877.0 cd
60 %	7608.8 cd
50 %	6340.7 cd
40 %	5072.6 cd
30 %	3804.4 cd
20 %	2536.3 cd
10 %	1268.1 cd

Peak intensity: 12681.4 cd
Number of c-planes: 8

ISO Lux Diagram



50.0 %	704 lx
30.0 %	423 lx
10.0 %	141 lx
5.0 %	70.4 lx
3.0 %	42.3 lx

Peak illuminance: 1408 lx
Mounting height: 3 m
Number of c-planes: 8

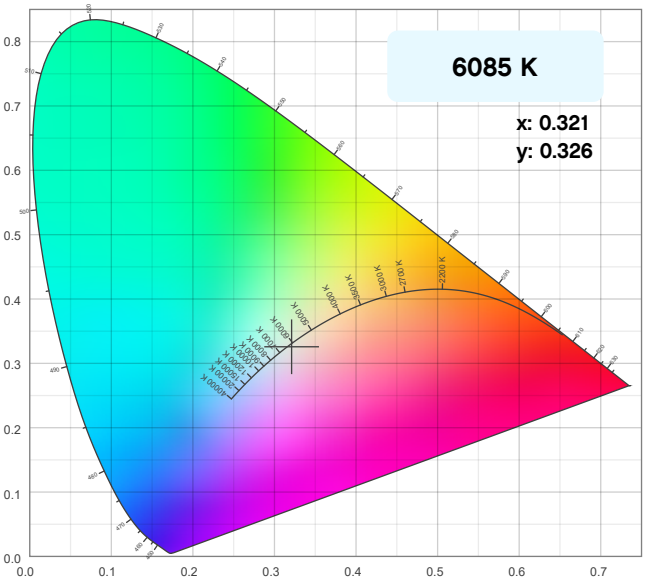
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Photometric & Chromaticity Report

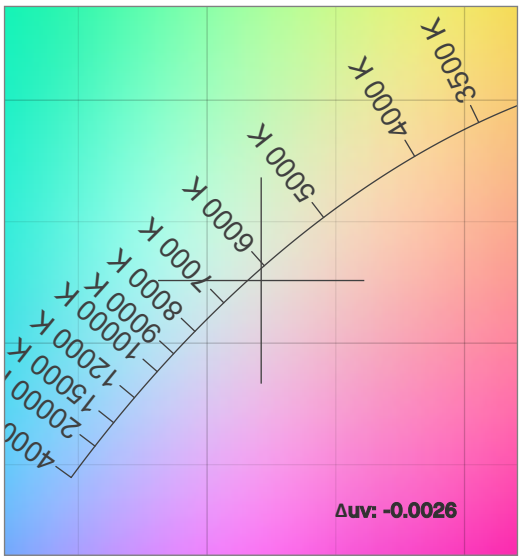
Ovation Rêve H2: 65deg Lens - Full Power - Cali Off

Chromaticity

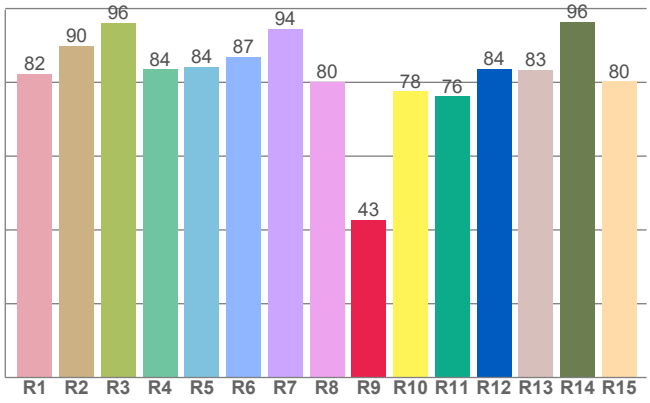
CIE 1931



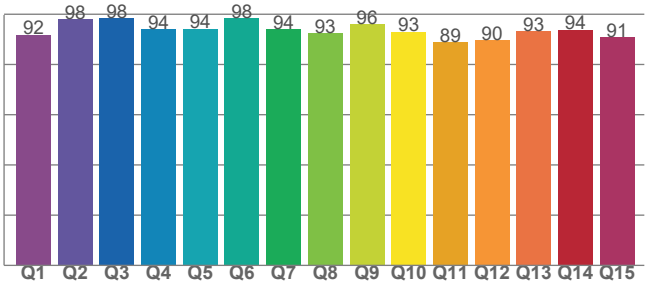
CIE 1931 - Zoom



CRI: 87.2 (R1-R8)



CQS: 93.2



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6085 K	0.321	0.326

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0026	0.326	0.205

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
87.2	42.7	93.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
92	90.1	104.9

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Photometric & Chromaticity Report

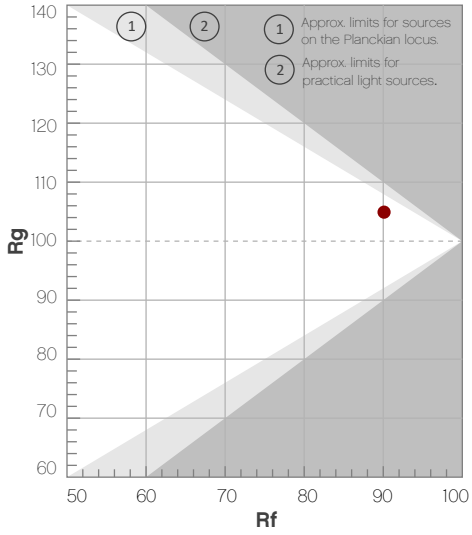
Ovation Rêve H2: 65deg Lens - Full Power - Cali Off

TM-30 Details

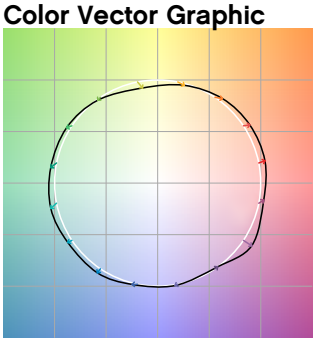
Rf 90.1
Fidelity Index (Rg)

Rg 104.9
Gammut Index (Rg)

		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	87	6%	1%
2	90	6%	-3%
3	87	3%	-7%
4	88	-2%	-7%
5	88	-7%	-4%
6	94	-1%	4%
7	92	3%	4%
8	88	5%	5%
9	91	6%	4%
10	92	4%	-1%
11	92	5%	0%
12	92	1%	-5%
13	93	1%	-3%
14	93	0%	3%
15	86	10%	0%
16	90	4%	4%



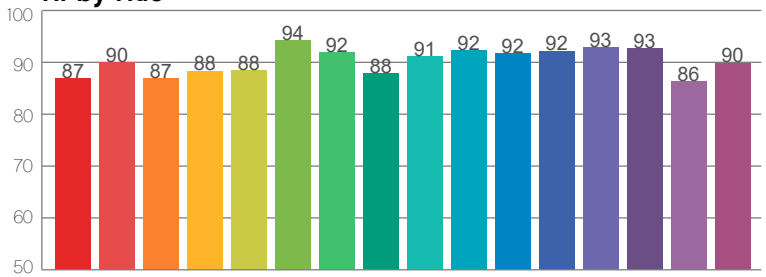
Color Vector Graphic



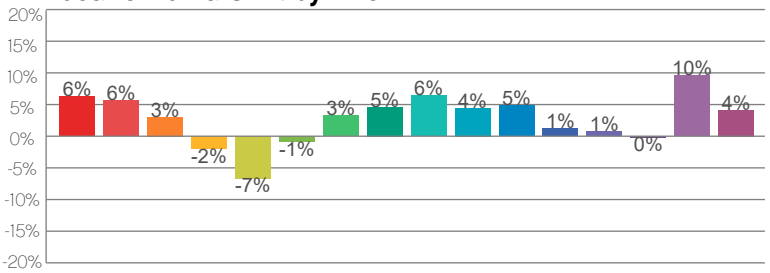
Color Distortion Graphic



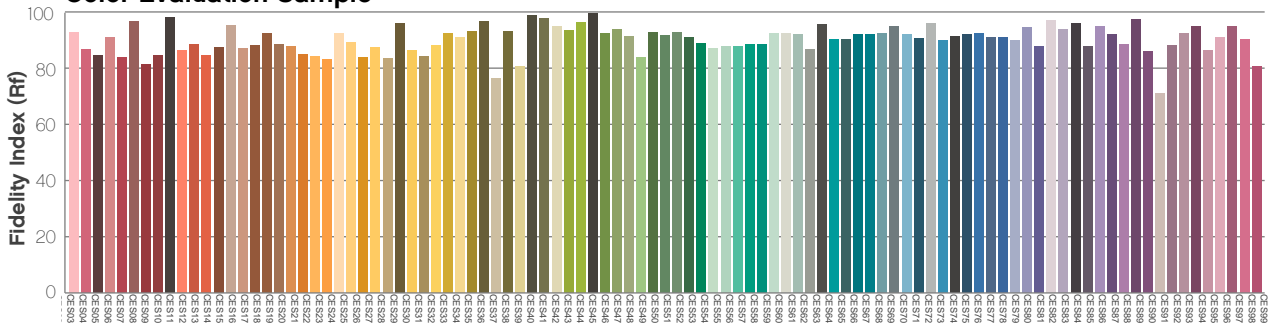
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



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Photometric & Chromaticity Report

Ovation Rêve H2: 80deg Lens - Full Power - Cali Off

Report Summary

Measurements

Fixture Output: 13260 lm
Fixture Peak: 9321 cd
Fixture Efficacy: 66 lm/W
Intensity @ 5m: 371 lux
Color Temperature: 6061 K
CRI: 86.9 CRI R9 Value: 41.8
CQS: 93.1
TLCI: 92
TM-30 Rf: 90.0
TM-30 Rg: 105.1
Beam Angle (50%): 71.3°
Field Angle (10%): 117.7°
Cutoff Angle (3%): 150.1°

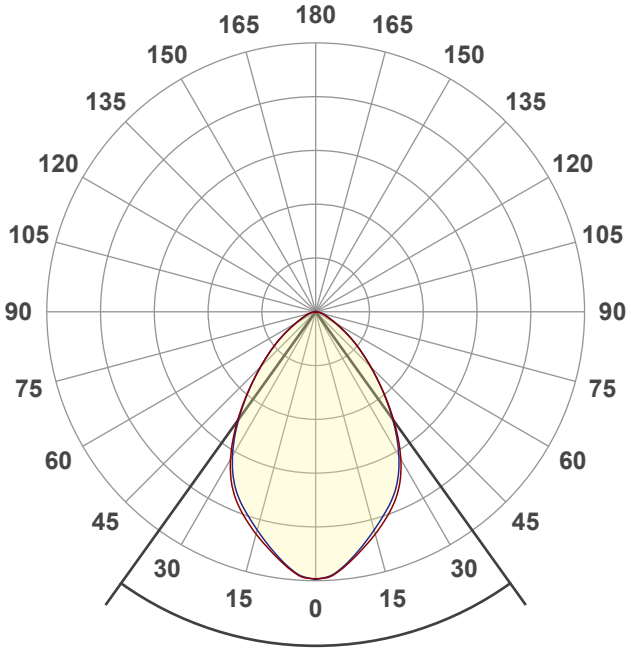
Conditions

AC Supply: 118 V, 60 Hz
Power: 201.94 W
Current: 1.72 A
Power Factor: 1.0

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 7/27/2026 to LM-63-2002 Standards.

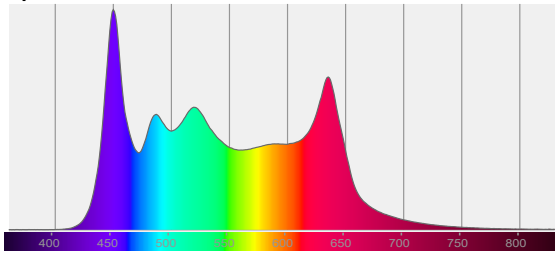
Overall Measurement

Angular Beam Distribution



Beam Angle 71.3°

Spectral Distribution



Tested Color (CIE 1931):
X: 0.321
Y: 0.326

Light Quality

CRI: 86.9

Color Temperature

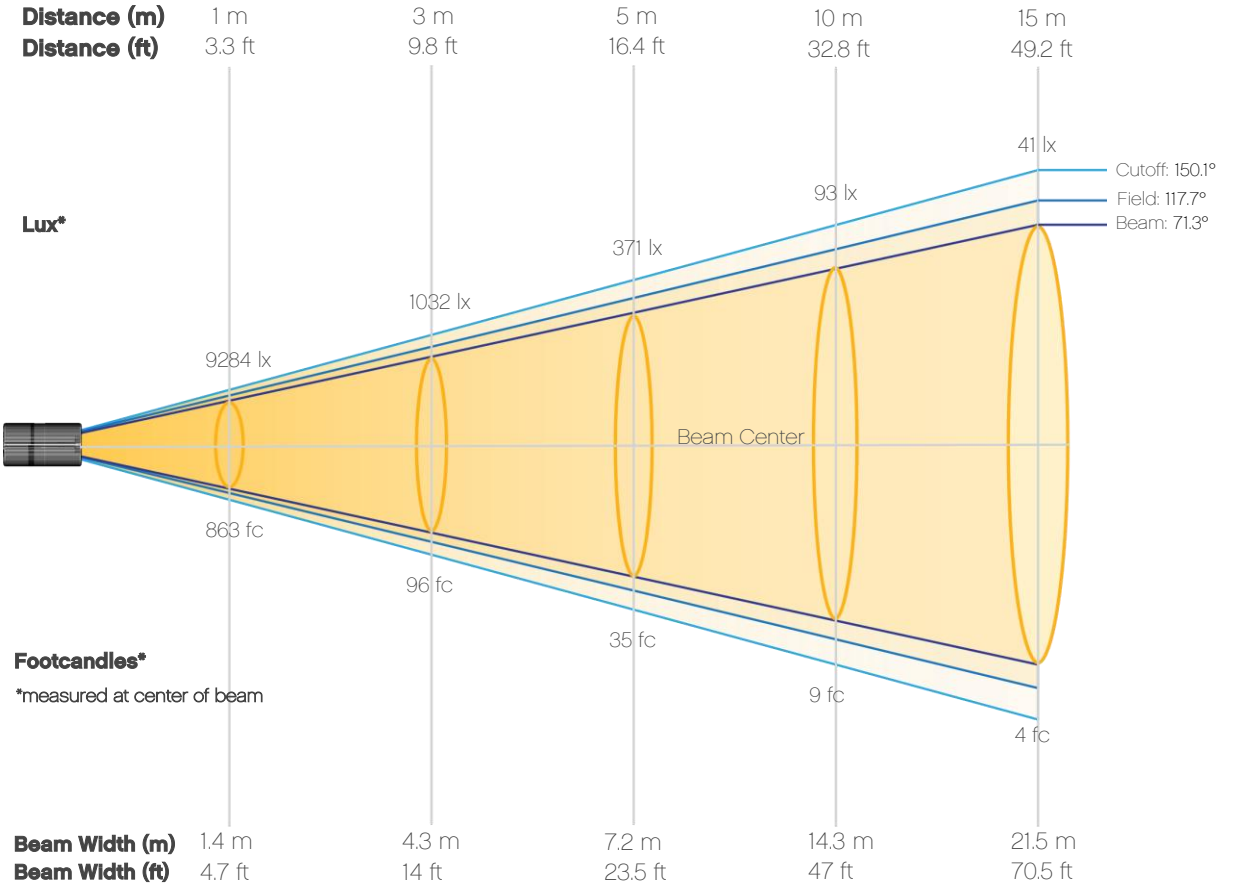
6061 K

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Photometric & Chromaticity Report

Ovation Rêve H2: 80deg Lens - Full Power - Cali Off

Beam Details



Beam Intensities from 1-20m (3.3-65.6ft)

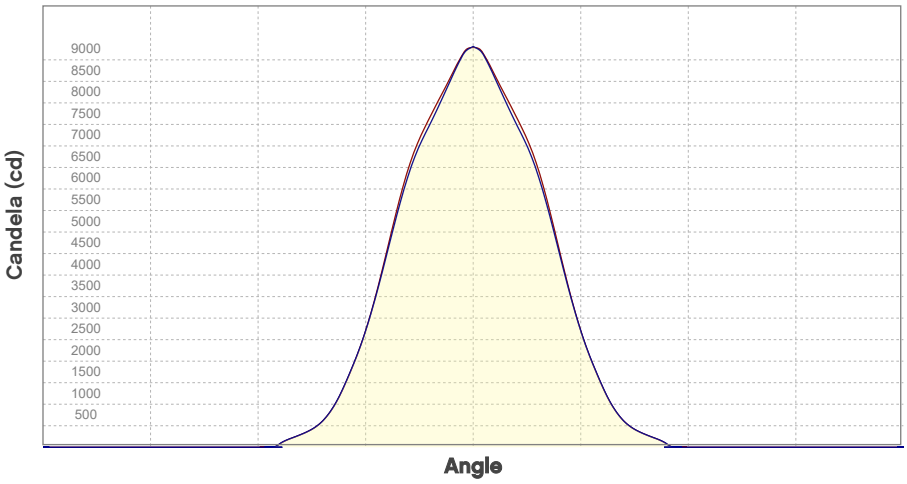
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	9284	2321	1032	580	371	258	189	145	115	93
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	77	64	55	47	41	36	32	29	26	23
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	863	216	96	54	35	24	18	13	11	9
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	7	6	5	4	4	3	3	3	2	2

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Photometric & Chromaticity Report

Ovation Rêve H2: 80deg Lens - Full Power - Cali Off

Candela Plot

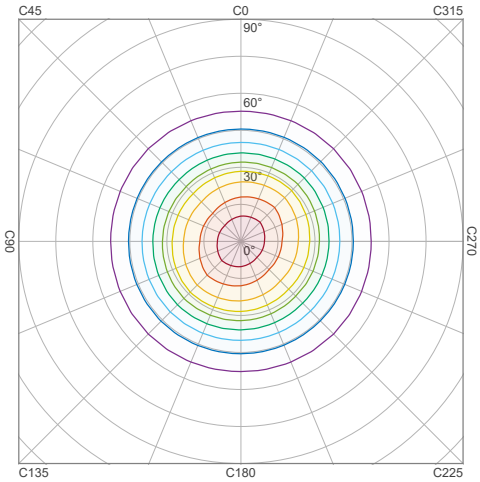


Beam Angle (50%): 71.3°
Field Angle (10%): 117.7°
Cutoff Angle (3%): 150.1°

Vertical Distribution
Horizontal Distribution

ISO Diagrams

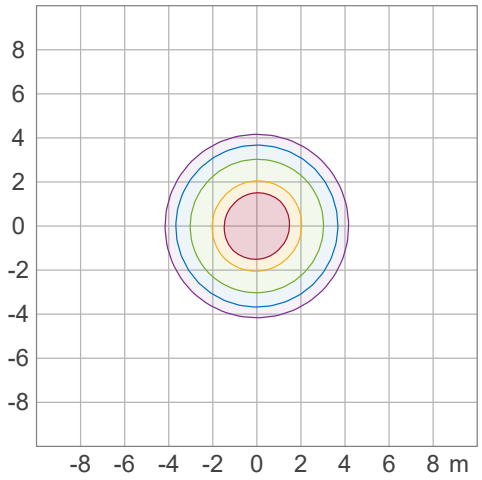
ISO Candela Diagram



90 %	8388.5 cd
80 %	7456.4 cd
70 %	6524.4 cd
60 %	5592.3 cd
50 %	4660.3 cd
40 %	3728.2 cd
30 %	2796.2 cd
20 %	1864.1 cd
10 %	932.1 cd

Peak intensity: 9320.6 cd
Number of c-planes: 8

ISO Lux Diagram



50.0 %	518 lx
30.0 %	311 lx
10.0 %	104 lx
5.0 %	51.8 lx
3.0 %	31.1 lx

Peak illuminance: 1035 lx
Mounting height: 3 m
Number of c-planes: 8

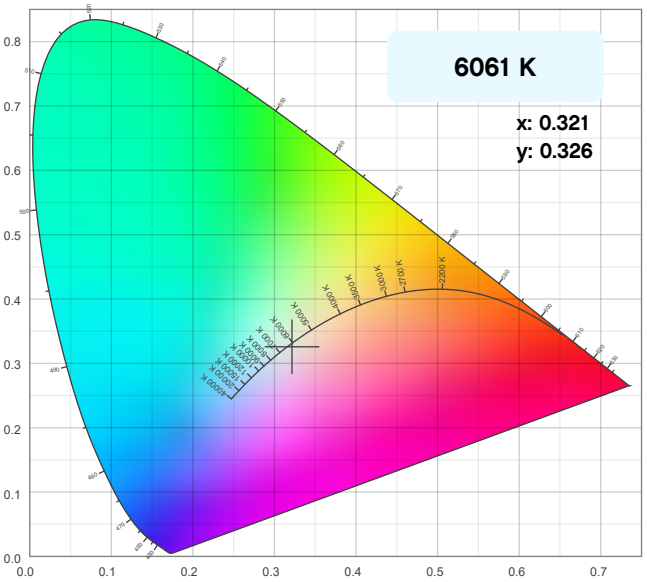
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Photometric & Chromaticity Report

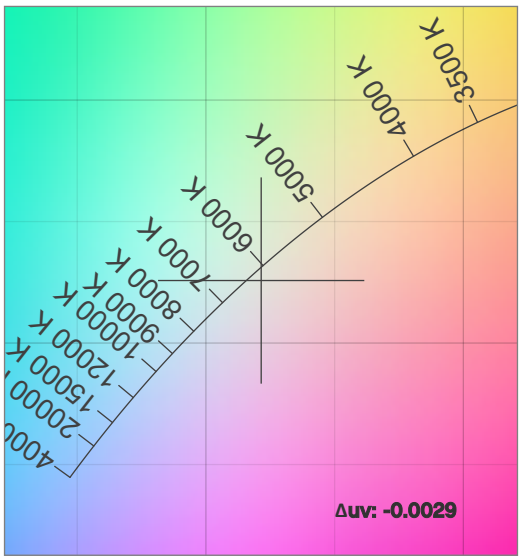
Ovation Rêve H2: 80deg Lens - Full Power - Cali Off

Chromaticity

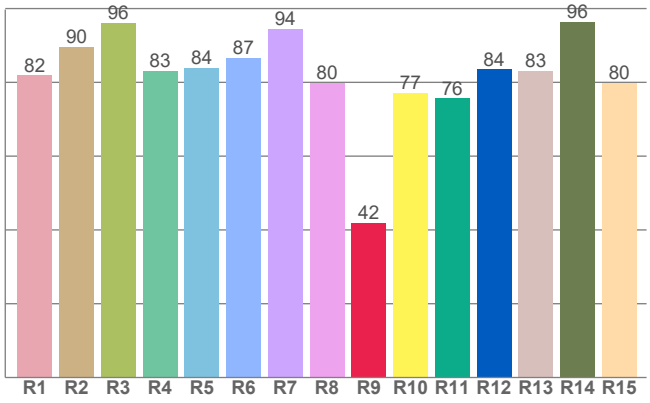
CIE 1931



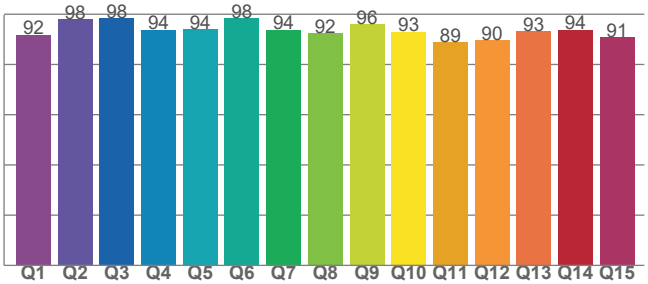
CIE 1931 - Zoom



CRI: 86.9 (R1-R8)



CQS: 93.1



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6061 K	0.321	0.326

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0029	0.326	0.205

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
86.9	41.8	93.1

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
92	90.0	105.1

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Photometric & Chromaticity Report

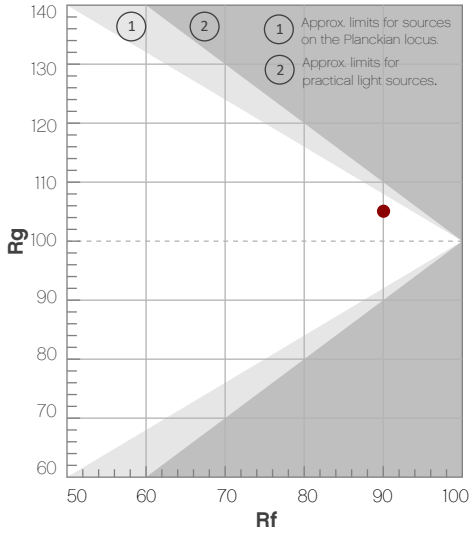
Ovation Rêve H2: 80deg Lens - Full Power - Cali Off

TM-30 Details

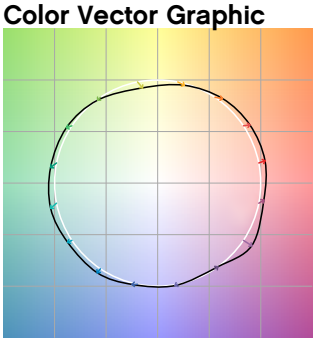
Rf 90.0
Fidelity Index (Rg)

Rg 105.1
Gammut Index (Rg)

		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	87	6%	1%
2	90	6%	-3%
3	87	3%	-7%
4	88	-2%	-7%
5	89	-7%	-4%
6	94	-1%	4%
7	92	3%	4%
8	88	5%	5%
9	91	7%	4%
10	92	4%	-1%
11	92	5%	0%
12	92	1%	-5%
13	93	1%	-3%
14	93	0%	3%
15	86	10%	0%
16	90	4%	4%



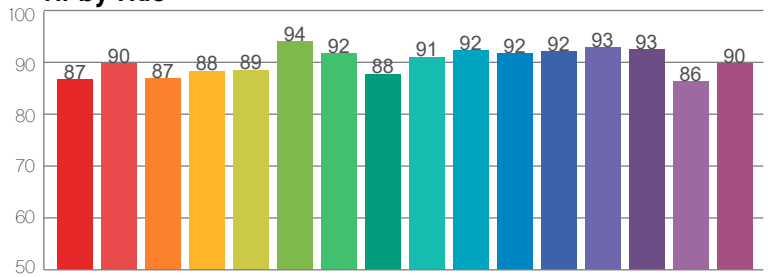
Color Vector Graphic



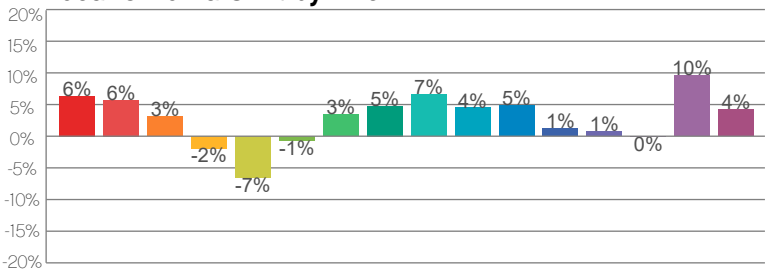
Color Distortion Graphic



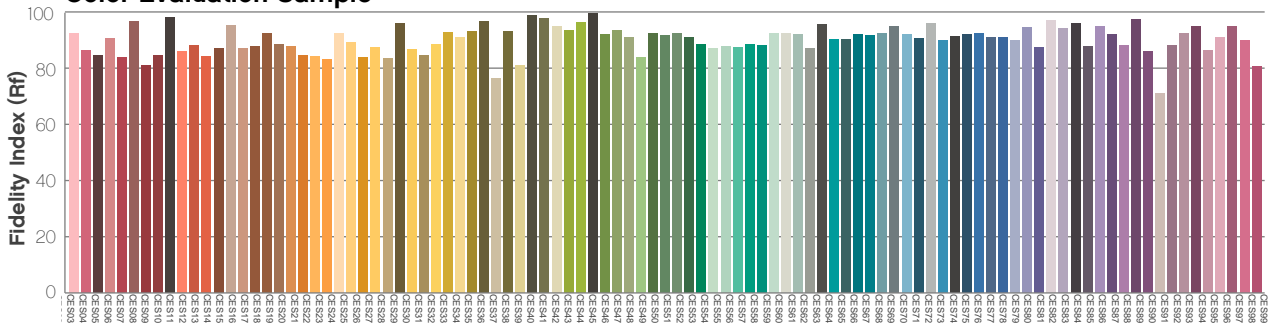
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



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